

PAVING BREAKER AND
CLAY DIGGER TOOLS



HAND AND
PNEUMATIC CHISELS



HAND, PNEUMATIC AND
ELECTRIC HAMMER DRILLS



DELAWARE TOOL STEEL

Corporation

PLUMBING TOOLS



WILMINGTON 99, DELAWARE

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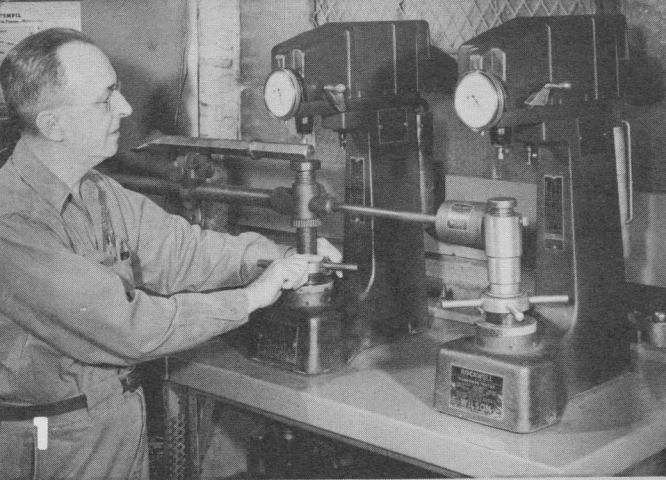


DELAWARE TOOL STEEL

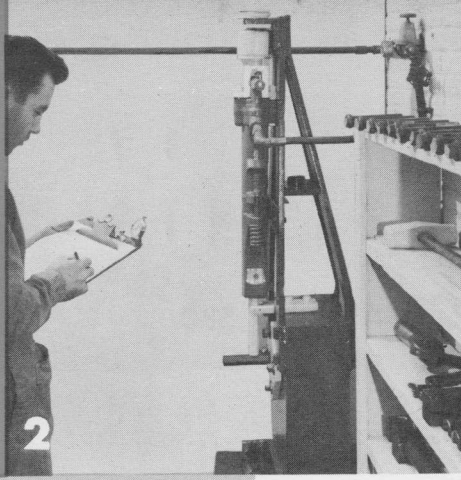
Corporation

34TH & MARKET ST.
WILMINGTON 99, DELAWARE
Phone Porter 4-2200

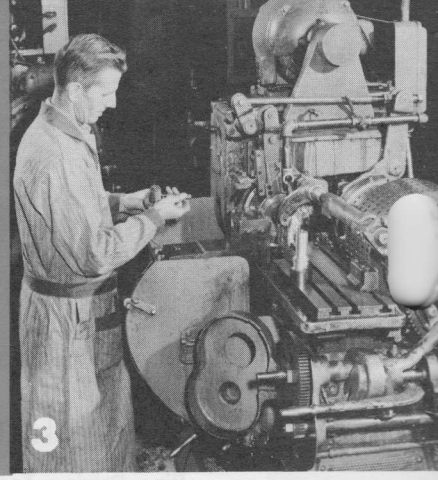




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ABOUT OUR COMPANY...

We hope you will find this new catalog to be of real value. The information it contains has been organized to provide you with full information on the particular tools we make that will interest you the most.

DELAWARE TOOL STEEL CORPORATION was started in 1918. We take pride in the outstanding work we have done on the development of alloy tool steels for shock tools and advanced forging and heat treating techniques. It is a policy with us to keep our laboratory facilities for accurate test work as up-to-date as our production equipment.

Please consider our engineering department at your command. It can render you a service, unexcelled in its field. The successful solution of tool application problems is an every day occurrence with us.

The steady growth of our company is based on close teamwork with our customers. We want this catalog to strengthen even further the pleasant relationships we have established.

1. Rockwell Hardness Testing.

2. Fatigue testing on Comparator in our Physical Testing Laboratory.

3. Automatic Screw Machine operation.

4. Section of Heat Treating Department.

5. Corner of Forge Department.

6. Automatic Screw Machine Department.

7. Corner of our Shipping Department.

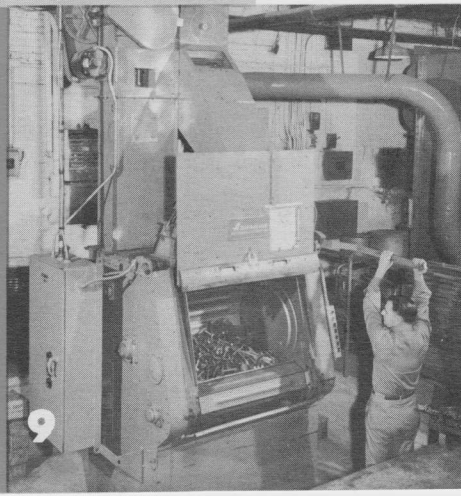
8. One of our group of turret lathes.

9. Shot blast cleaning equipment.

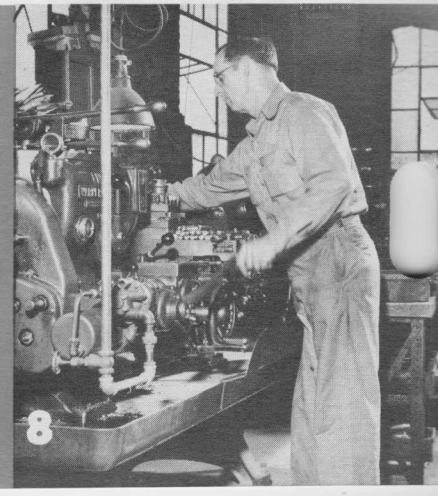
10. Hardening from one of our own DELAWARE built furnaces.



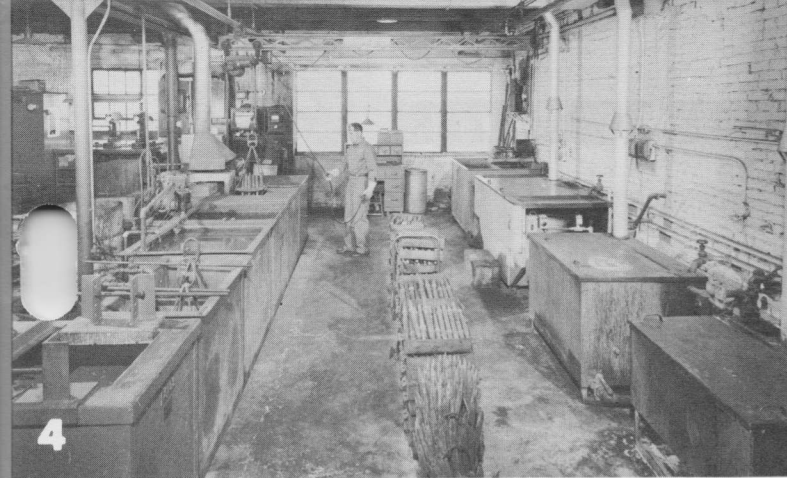
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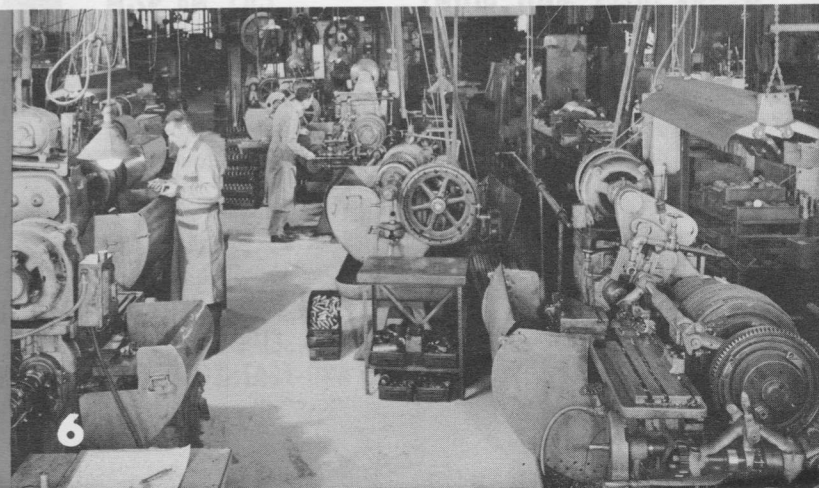


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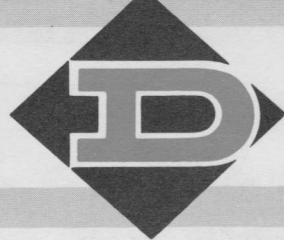


DELAWARE TOOL STEEL *Corporation*

WILMINGTON, DELAWARE



PAVING BREAKER TOOLS



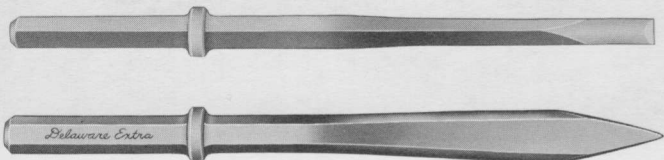
DELAWARE TOOL STEEL

Corporation

WILMINGTON, DELAWARE

BARRACUDA POINT

CAT. No. 88



DEMO POINT

CAT. No. 89



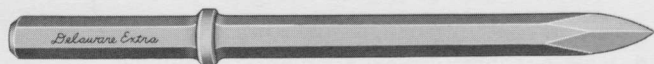
MASTERCUT CHISEL

CAT. No. 90



STANDARD MOIL POINT

CAT. No. 92



HEAVY DUTY MOIL POINT

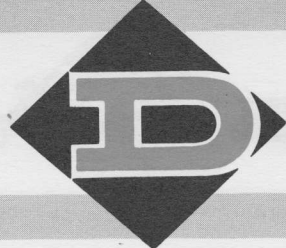
CAT. No. 92-H



Shank Size Hex.	Length U.C.	Cat. No.	Wt. Approx.		
1 1/8 x 6"	16"	88-1	6 3/4 lbs.		
1 1/4 x 6"	16"	88-2	8 lbs.		
1 1/8 x 6"	16"	89-1	7 1/4 lbs.		
1 1/4 x 6"	16"	89-2	8 3/4 lbs.		
1 x 4 1/4"	16"	90-1	6 1/2 lbs.		
1 1/8 x 6"	16"	90-2	7 3/4 lbs.		
1 1/4 x 6"	16"	90-3	9 lbs.		
7/8 x 3 1/4"	14"	92-1	3 1/4 lbs.		
	18"	92-3	4 lbs.		
1 x 4 1/4"	14"	92-4	4 1/2 lbs.		
	18"	92-6	5 1/4 lbs.		
	24"	92-7	6 3/4 lbs.		
1 1/8 x 6"	14"	92-8	6 lbs.		
	18"	92-10	7 1/4 lbs.		
	24"	92-11	9 lbs.		
	36"	92-12	12 1/2 lbs.		
1 1/4 x 6"	14"	92-13	7 1/2 lbs.		
	18"	92-15	9 lbs.		
	24"	92-16	12 lbs.		
	36"	92-17	16 1/2 lbs.		
1 x 4 1/4"	14"	92H-4	5 lbs.		
1 1/8" Rd. U.C.	18"	92H-6	6 lbs.		
1 1/8 x 6"	14"	92H-8	6 1/2 lbs.		
1 1/4" Rd. U.C.	18"	92H-10	8 lbs.		
	24"	92H-11	10 lbs.		
1 1/4 x 6"	14"	92H-13	8 lbs.		
1 3/8" Rd. U.C.	18"	92H-15	9 3/4 lbs.		
	24"	92H-16	12 1/4 lbs.		

OTHER PAVING BREAKER AND CLAY DIGGER TOOLS AVAILABLE:
MOIL AND CHISEL BLANKS
BROACHING TOOLS
PLUGS AND FEATHERS
TOOTH AND BRICK CHISELS

PRICES ON APPLICATION



DELAWARE TOOL STEEL

Corporation

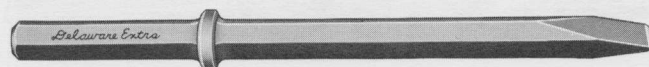
WILMINGTON, DELAWARE

PAVING BREAKER TOOLS

Shank Size Hex.	Length U.C.	Cat. No.	Wt. Approx.
7/8 x 3 1/4"	14"	91-1	3 1/4 lbs.
	18"	91-3	4 lbs.
1 x 4 1/4"	14"	91-4	4 1/2 lbs.
	18"	91-6	5 1/4 lbs.
	24"	91-7	6 3/4 lbs.
1 1/8 x 6"	14"	91-8	6 1/4 lbs.
	18"	91-10	7 1/4 lbs.
	24"	91-11	9 lbs.
	36"	91-12	12 1/2 lbs.
1 1/4 x 6"	14"	91-13	7 1/2 lbs.
	18"	91-15	9 lbs.
	24"	91-16	12 lbs.
	36"	91-17	16 1/2 lbs.
1 x 4 1/4"	14"	91H-4	5 lbs.
1 1/8" Rd. U.C.	18"	91H-6	6 lbs.
1 1/8 x 6"	14"	91H-8	6 1/2 lbs.
1 1/4" Rd. U.C.	18"	91H-10	8 lbs.
	24"	91H-11	10 lbs.
1 1/4 x 6"	14"	91H-13	8 lbs.
1 3/8" Rd. U.C.	18"	91H-15	9 3/4 lbs.
	24"	91H-16	12 1/4 lbs.
7/8 x 3 1/4"	14"	93-1	4 lbs.
	18"	93-3	5 lbs.
1 x 4 1/4"	14"	93-4	5 lbs.
	18"	93-6	5 1/2 lbs.
1 1/8 x 6"	14"	93-7	6 3/4 lbs.
	18"	93-9	8 lbs.
1 1/4 x 6"	14"	93-10	8 lbs.
	18"	93-12	9 3/4 lbs.
1 x 4 1/4"	16"	93H-5	6 1/4 lbs.
1 1/8 x 6"	16"	93H-8	8 lbs.
1 1/4 x 6"	16"	93H-11	9 1/2 lbs.
1 x 4 1/4"	12"	95-1	6 1/4 lbs.
1 1/8 x 6"	12"	95-2	8 lbs.
1 1/4 x 6"	12"	95-3	8 1/2 lbs.
1 x 4 1/4"	16"	94-1	6 3/4 lbs.
Blade 3 x 10"			
1 1/8 x 6"	18"	94-2	8 lbs.
Blade 3 x 12"			
1 1/4 x 6"	18"	94-3	8 1/2 lbs.
Blade 3 x 12"			

STANDARD NARROW CHISEL

CAT. No. 91



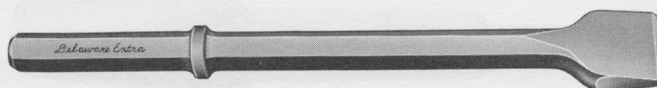
HEAVY DUTY NARROW CHISEL

CAT. No. 91-H



STANDARD 3" CHISEL

CAT. No. 93



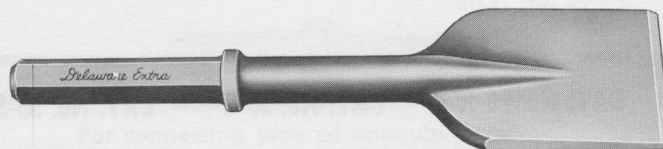
HEAVY DUTY 3" CHISEL

CAT. No. 93-H



5" ASPHALT CUTTER

CAT. No. 95



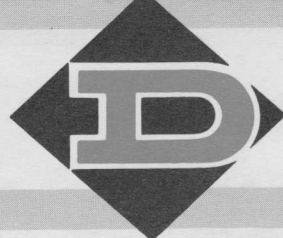
Blade Size 5" x 5"

DIGGING CHISEL

CAT. No. 94



PAVING BREAKER TOOLS



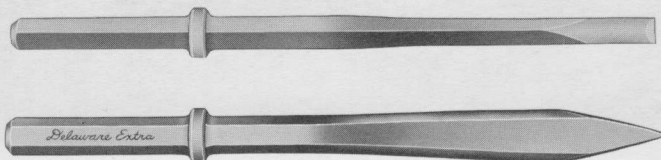
DELAWARE TOOL STEEL

Corporation

WILMINGTON, DELAWARE

BARRACUDA POINT

CAT. No. 88



DEMO POINT

CAT. No. 89



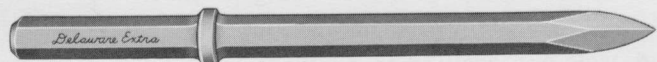
MASTERCUT CHISEL

CAT. No. 90



STANDARD MOIL POINT

CAT. No. 92



HEAVY DUTY MOIL POINT

CAT. No. 92-H



Shank Size Hex.	Length U.C.	Cat. No.	Wt. Approx.		
1 1/8 x 6"	16"	88-1	6 3/4 lbs.		
1 1/4 x 6"	16"	88-2	8 lbs.		
1 1/8 x 6"	16"	89-1	7 1/4 lbs.		
1 1/4 x 6"	16"	89-2	8 3/4 lbs.		
1 x 4 1/4"	16"	90-1	6 1/2 lbs.		
1 1/8 x 6"	16"	90-2	7 3/4 lbs.		
1 1/4 x 6"	16"	90-3	9 lbs.		
7/8 x 3 1/4"	14"	92-1	3 1/4 lbs.		
	18"	92-3	4 lbs.		
1 x 4 1/4"	14"	92-4	4 1/2 lbs.		
	18"	92-6	5 1/4 lbs.		
	24"	92-7	6 3/4 lbs.		
1 1/8 x 6"	14"	92-8	6 lbs.		
	18"	92-10	7 1/4 lbs.		
	24"	92-11	9 lbs.		
	36"	92-12	12 1/2 lbs.		
1 1/4 x 6"	14"	92-13	7 1/2 lbs.		
	18"	92-15	9 lbs.		
	24"	92-16	12 lbs.		
	36"	92-17	16 1/2 lbs.		
1 x 4 1/4"	14"	92H-4	5 lbs.		
1 1/8" Rd. U.C.	18"	92H-6	6 lbs.		
1 1/8 x 6"	14"	92H-8	6 1/2 lbs.		
1 1/4" Rd. U.C.	18"	92H-10	8 lbs.		
	24"	92H-11	10 lbs.		
1 1/4 x 6"	14"	92H-13	8 lbs.		
1 3/8" Rd. U.C.	18"	92H-15	9 3/4 lbs.		
	24"	92H-16	12 1/4 lbs.		

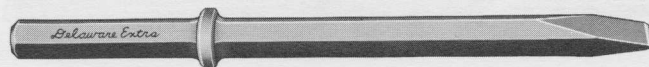
OTHER PAVING BREAKER AND CLAY DIGGER TOOLS AVAILABLE:
MOIL AND CHISEL BLANKS
PLUGS AND FEATHERS
BROACHING TOOLS
TOOTH AND BRICK CHISELS

PRICES ON APPLICATION

Shank Size Hex.	Length U.C.	Cat. No.	Wt. Approx.
7/8 x 3 1/4"	14" 18"	91-1 91-3	3 1/4 lbs. 4 lbs.
1 x 4 1/4"	14" 18" 24"	91-4 91-6 91-7	4 1/2 lbs. 5 1/4 lbs. 6 3/4 lbs.
1 1/8 x 6"	14" 18" 24" 36"	91-8 91-10 91-11 91-12	6 1/4 lbs. 7 1/4 lbs. 9 lbs. 12 1/2 lbs.
1 1/4 x 6"	14" 18" 24" 36"	91-13 91-15 91-16 91-17	7 1/2 lbs. 9 lbs. 12 lbs. 16 1/2 lbs.
1 x 4 1/4" 1 1/8" Rd. U.C.	14" 18"	91H-4 91H-6	5 lbs. 6 lbs.
1 1/8 x 6" 1 1/4" Rd. U.C.	14" 18" 24"	91H-8 91H-10 91H-11	6 1/2 lbs. 8 lbs. 10 lbs.
1 1/4 x 6" 1 3/8" Rd. U.C.	14" 18" 24"	91H-13 91H-15 91H-16	8 lbs. 9 3/4 lbs. 12 1/4 lbs.
7/8 x 3 1/4"	14" 18"	93-1 93-3	4 lbs. 5 lbs.
1 x 4 1/4"	14" 18"	93-4 93-6	5 lbs. 5 1/2 lbs.
1 1/8 x 6"	14" 18"	93-7 93-9	6 3/4 lbs. 8 lbs.
1 1/4 x 6"	14" 18"	93-10 93-12	8 lbs. 9 3/4 lbs.
1 x 4 1/4"	16"	93H-5	6 1/4 lbs.
1 1/8 x 6"	16"	93H-8	8 lbs.
1 1/4 x 6"	16"	93H-11	9 1/2 lbs.
1 x 4 1/4"	12"	95-1	6 1/4 lbs.
1 1/8 x 6"	12"	95-2	8 lbs.
1 1/4 x 6"	12"	95-3	8 1/2 lbs.
1 x 4 1/4" Blade 3 x 10"	16"	94-1	6 3/4 lbs.
1 1/8 x 6" Blade 3 x 12"	18"	94-2	8 lbs.
1 1/4 x 6" Blade 3 x 12"	18"	94-3	8 1/2 lbs.

STANDARD NARROW CHISEL

CAT. No. 91



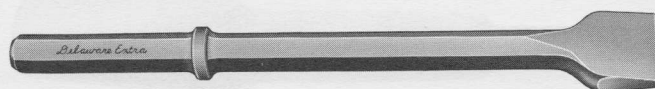
HEAVY DUTY NARROW CHISEL

CAT. No. 91-H



STANDARD 3" CHISEL

CAT. No. 93



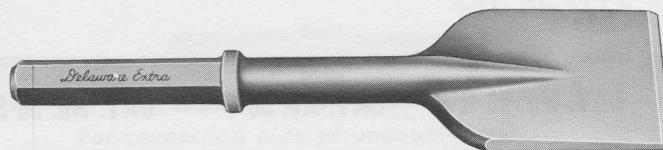
HEAVY DUTY 3" CHISEL

CAT. No. 93-H



5" ASPHALT CUTTER

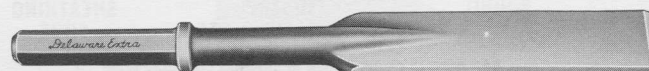
CAT. No. 95



Blade Size 5" x 5"

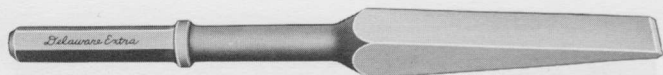
DIGGING CHISEL

CAT. No. 94



FROST WEDGE

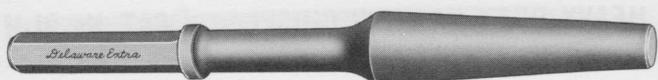
CAT. No. 87



Shank Size Hex.	Length U.C.	Cat. No.	Wt. Approx.
1 x 4 1/4" Wedge Size 2 x 12"	17"	87-1	9 lbs.
1 1/8 x 6" Wedge Size 2 x 12"	17"	87-2	11 lbs.
1 1/4 x 6" Wedge Size 2 x 12"	17"	87-3	11 1/2 lbs.

ROCK BREAKER

CAT. No. 85



Taper Dimensions

Large dia. 2 1/8" Small dia. 1 1/4" Length 9"

1 x 4 1/4"	14 1/2"	85-1	9 3/4 lbs.
1 1/8 x 6"	14 1/2"	85-2	10 3/4 lbs.
1 1/4 x 6"	14 1/2"	85-3	11 1/4 lbs.

CLAY SPADE FOR BREAKER

CAT. No. 86



Standard Blade 5 1/2" x 8 1/2"

4 1/2" x 8 1/2" Blade available

1 x 4 1/4"	16"	86-1	7 lbs.
1 1/8 x 6"	16"	86-2	9 lbs.
1 1/4 x 6"	16"	86-3	9 1/2 lbs.

DETACHABLE SHANK

CAT. No. 96



1 x 4 1/4"	9"	96-1	5 1/4 lbs.
1 1/8 x 6"	9"	96-2	6 3/4 lbs.
1 1/4 x 6"	9"	96-3	7 1/4 lbs.

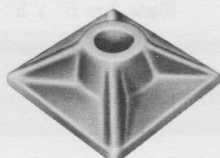
CAT. No. 96-R

CAT. No. 96-S

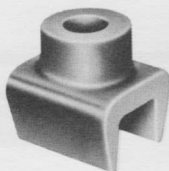
CAT. No. 96-SD



ROUND
DIRT TAMPER PAD



SQUARE
DIRT TAMPER PAD



SHEATHING
SHOE

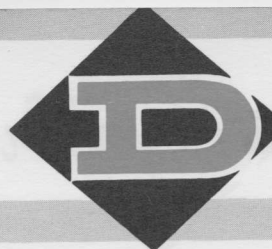
Add price of shank to pad or shoe for complete price.

TAMPING PAD ONLY

6" Sq.	96-S-6	14 lbs.
8" Sq.	96-S-8	22 lbs.
7" Rd.	96-R	16 lbs.

SHEATHING SHOE ONLY

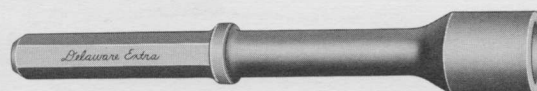
2"	96-SD2	18 lbs.
3"	96-SD3	17 lbs.

**DELAWARE TOOL STEEL***Corporation*

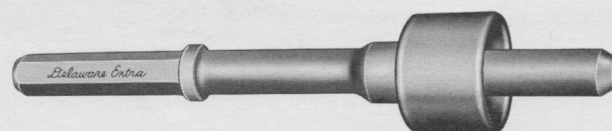
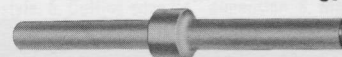
WILMINGTON, DELAWARE

**PAVING
BREAKER TOOLS**

Shank Size Hex.	Length U.C.	Cat. No.	Wt. Approx.
3/4 Sq. x 2 3/4"	8 1/2"	83-1	5 3/4 lbs.
7/8 Hex. x 2 3/4"	8 1/2"	83-2	5 3/4 lbs.
7/8 Hex. x 3 1/4"	8 1/2"	83-3	5 3/4 lbs.
1 x 4 1/4"	8 1/2"	83-4	6 lbs.
1 1/8 x 6"	8 1/2"	83-5	6 lbs.
1 1/4 x 6"	8 1/2"	83-6	6 1/4 lbs.
<hr/>			
1 1/8 x 6"	12"	84-1	9 lbs.
1 1/4 x 6"	12"	84-2	10 1/2 lbs.
<hr/>			
Pipe Size	Length	Cat. No.	Wt. Approx.
3/4"	9 1/2"	84A-1	7 1/4 lbs.
1"	9 1/2"	84A-2	6 3/4 lbs.
<hr/>			
3/4"	11 1/2"	84P-1	2 lbs.
1"	11 1/2"	84P-2	3 lbs.
1 1/4"	11 1/2"	84P-3	5 lbs.
1 1/2"	11 1/2"	84P-4	6 lbs.
2"	11 1/2"	84P-5	10 lbs.
<hr/>			
3/4 x 1"	11 1/2"	84PC-1	2 lbs.
3/4 x 1 1/4"	11 1/2"	84PC-2	3 lbs.
1 x 1 1/4"	11 1/2"	84PC-3	3 3/4 lbs.
1 1/4 x 1 1/2"	11 1/2"	84PC-4	5 1/4 lbs.
1 1/4 x 2"	11 1/2"	84PC-5	7 1/2 lbs.
1 1/2 x 2"	11 1/2"	84PC-6	8 1/4 lbs.
<hr/>			
3/4"	6 3/4"	84DP-1	2 3/4 lbs.
1"	7 1/8"	84DP-2	3 1/4 lbs.
1 1/4"	7 1/2"	84DP-3	4 1/4 lbs.
1 1/2"	7 3/4"	84DP-4	5 lbs.
2"	8 1/4"	84DP-5	6 1/4 lbs.

ROD OR PIN DRIVER**CAT. No. 83**

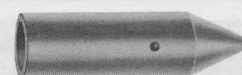
Specify size rod or pin to be driven.

DELAWARE PIPEDRIVER®*** CAT. No. 84**For pipe sizes 1 1/4" to 2"
Use Adapter, Cat. 84A, for smaller sizes.**PIPEDRIVER ADAPTER****CAT. No. 84-A**For use with PIPEDRIVER Cat. 84, for 3/4"
& 1" pipe. Specify pipe size.**CONNECTING PIN****CAT. No. 84-P****STRAIGHT TYPE**

For connecting pipe of equal sizes.

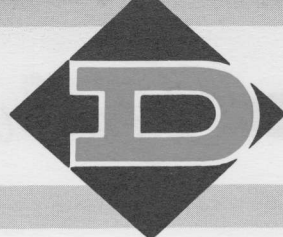
CAT. No. 84-PC**COMBINATION TYPE**

For connecting pipe of unequal sizes.

NOTE: All Connecting Pins fit both standard and extra
heavy pipe. Other sizes available on application.**DRIVING POINT****CAT. No. 84-DP**NOTE: Hole is provided for pinning Driving Point to pipe.
Use is optional.

® REG. T.M. NO. 663,935

*Specify shank size



CLAY SCOOP FOR DIGGER

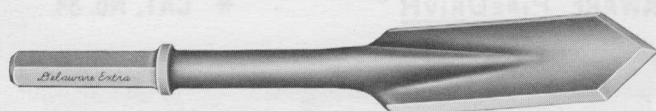
CAT. No. 101



Standard Blade $5\frac{1}{2}$ " x $8\frac{1}{2}$ "
 $4\frac{1}{2}$ " x $8\frac{1}{2}$ " Blade available

CLAY PICK

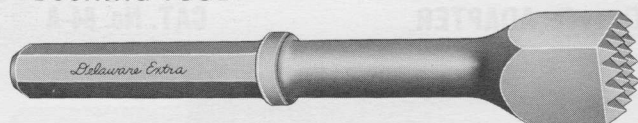
CAT. No. 102



Standard blade 3"

BUSHING TOOL

CAT. No. 82



CAT. 82-1 to 82-8

One Piece
2" x 2" face
16 teeth

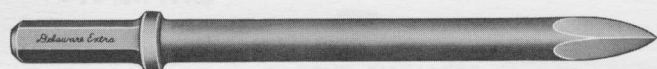
CAT. 82-9 & 82-10

Two Piece
 $1\frac{1}{2}$ " x $1\frac{1}{2}$ " face
9 teeth

Specify No. of teeth if special required

MOIL POINTS

CAT. No. 100



AND NARROW CHISELS

CAT. No. 100-NC



FOR CLAY DIGGER

SPECIFY MAKE OF HAMMER

TIE TAMPER

CAT. No. 81



Standard shank size for all tampers . . . $\frac{7}{8}$ " x $2\frac{5}{8}$ ".

TOOTH TIE TAMPER AVAILABLE
SEE PRICE LIST.

Shank Size	Length U.C.	Cat. No.	Wt. Approx.
$\frac{3}{4}$ Sq. x $2\frac{3}{4}$ "	16"	101-1	6 lbs.
$\frac{7}{8}$ Hex. x $2\frac{3}{4}$ "	16"	101-2	6 lbs.
$\frac{7}{8}$ Hex. x $3\frac{1}{4}$ "	16"	101-3	6 lbs.
$\frac{7}{8}$ Hex. Rd. x $3\frac{1}{4}$ "	16"	101-4	6 lbs.
$\frac{3}{4}$ Hex. Rd. x $2\frac{3}{4}$ "	16"	101-5	6 lbs.

$\frac{3}{4}$ Sq. x $2\frac{3}{4}$ "	16"	102-1	6 $\frac{1}{4}$ lbs.
$\frac{7}{8}$ Hex. x $2\frac{3}{4}$ "	16"	102-2	6 $\frac{1}{2}$ lbs.
$\frac{3}{4}$ Hex. Rd. x $2\frac{3}{4}$ "	16"	102-3	6 $\frac{3}{4}$ lbs.
$\frac{7}{8}$ Hex. Rd. x $3\frac{1}{4}$ "	16"	102-4	7 lbs.
1 Hex. x $4\frac{1}{4}$ "	16"	102-5	7 $\frac{1}{4}$ lbs.
$\frac{7}{8}$ Hex. x $3\frac{1}{4}$ "	16"	102-6	6 $\frac{3}{4}$ lbs.

1 Hex. x $4\frac{1}{4}$ "	9"	82-1	6 $\frac{1}{2}$ lbs.
$1\frac{1}{8}$ Hex. x 6"	9"	82-2	7 lbs.
$1\frac{1}{4}$ Hex. x 6"	9"	82-3	7 $\frac{1}{2}$ lbs.
$\frac{3}{4}$ Sq. x $2\frac{3}{4}$ "	12"	82-4	6 $\frac{1}{2}$ lbs.
$\frac{7}{8}$ Hex. x $2\frac{3}{4}$ "	12"	82-5	6 $\frac{1}{2}$ lbs.
$\frac{7}{8}$ Hex. x $3\frac{1}{4}$ "	12"	82-6	6 $\frac{3}{4}$ lbs.
$\frac{7}{8}$ Hex. Rd. x $3\frac{1}{4}$ "	12"	82-7	6 $\frac{3}{4}$ lbs.
$\frac{3}{4}$ Hex. Rd. x $2\frac{3}{4}$ "	12"	82-8	6 $\frac{1}{2}$ lbs.
.680 Rd. x $2\frac{3}{8}$ "	8 $\frac{1}{2}$ " OA	82-9	2 $\frac{1}{4}$ lbs.
.680 Hex. Rd. x $2\frac{3}{8}$ "	8 $\frac{1}{2}$ " OA	82-10	2 $\frac{1}{4}$ lbs.

$\frac{3}{4}$ Sq. x $2\frac{3}{4}$ "	14"	100-1	4 lbs.
1" Rd. U.C.	18"	100-3	4 $\frac{3}{4}$ lbs.
$\frac{7}{8}$ Hex. x $2\frac{3}{4}$ "	14"	100-4	4 $\frac{3}{4}$ lbs.
1" Rd. U.C.	18"	100-6	5 $\frac{1}{2}$ lbs.
	24"	100-7	7 $\frac{1}{4}$ lbs.

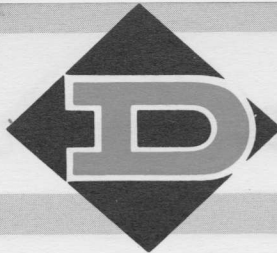
$\frac{3}{4}$ Hex. Rd. x $2\frac{3}{4}$ "	14"	100-8	4 lbs.
1" Rd. U.C.	18"	100-10	4 $\frac{3}{4}$ lbs.

$\frac{7}{8}$ Hex. Rd. x $3\frac{1}{4}$ "	14"	100-11	5 lbs.
1" Rd. U.C.	18"	100-13	5 $\frac{3}{4}$ lbs.
	24"	100-14	7 $\frac{1}{2}$ lbs.

$\frac{7}{8}$ Hex. x $3\frac{1}{4}$ "	14"	100-15	4 $\frac{3}{4}$ lbs.
1" Rd. U.C.	18"	100-17	5 $\frac{1}{2}$ lbs.
	24"	100-18	7 $\frac{1}{4}$ lbs.

NOTE: When ordering Narrow Chisel add "NC" to Catalog Number.

Face Size	Length OA		
$\frac{3}{4}$ x 5"	24"	81-1	8 $\frac{1}{4}$ lbs.
$1\frac{1}{8}$ x 3"	24"	81-2	8 lbs.
1 x 3"	24"	81-3	7 $\frac{1}{2}$ lbs.
$\frac{7}{8}$ x 3"	24"	81-4	7 $\frac{1}{4}$ lbs.
$\frac{3}{4}$ x 3"	24"	81-5	7 lbs.
$\frac{5}{8}$ x 3"	24"	81-6	6 $\frac{3}{4}$ lbs.



DELAWARE TOOL STEEL

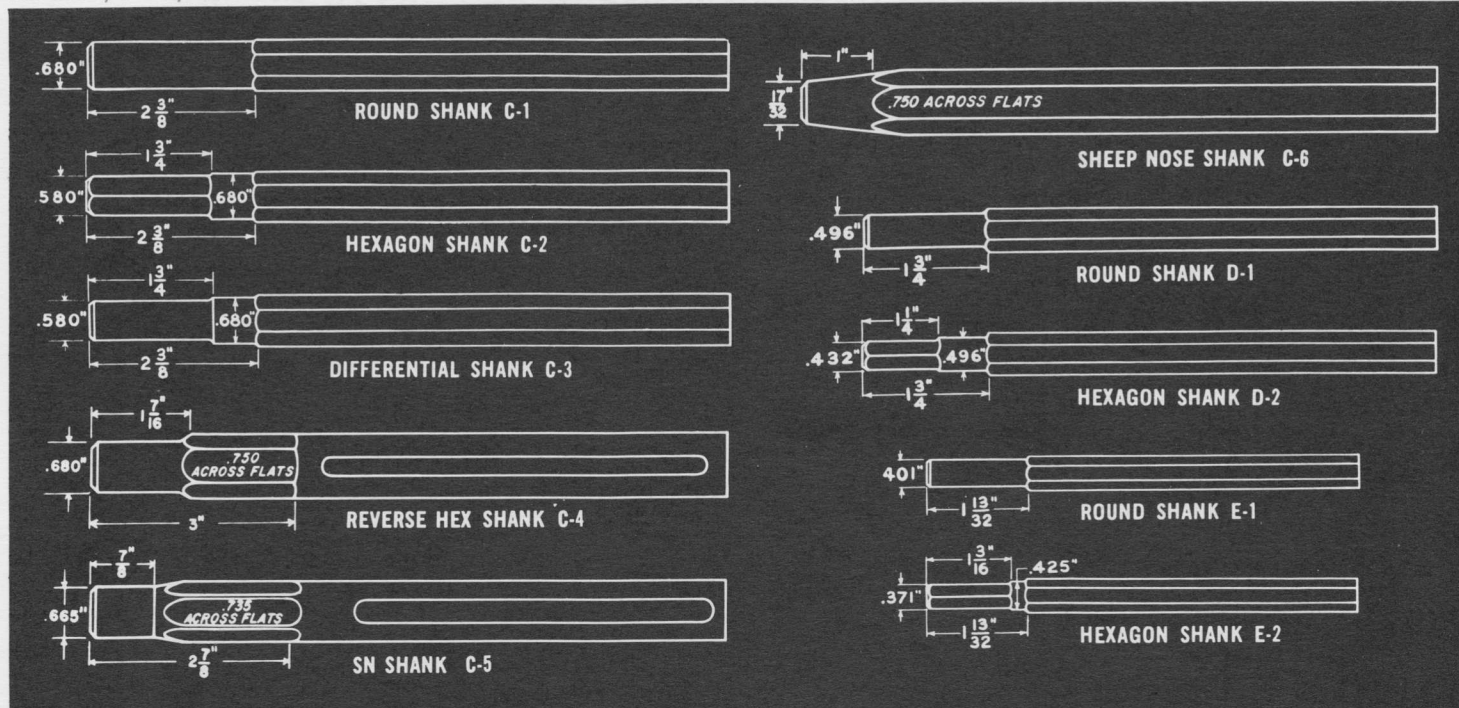
Corporation

WILMINGTON, DELAWARE

PNEUMATIC
CHISELS & BLANKS

ROUND, HEX, AND DIFFERENTIAL SHANK CHISEL BLANKS

Cat. No. 1



Note: Detailed literature on SN Shank available.

Steel Size	5/8"	3/4"	13/16"	7/8"	1"
Wt. per Doz.—8" Length	6 lbs.	12 lbs.	16 lbs.	18 lbs.	24 lbs.
Lengths available	7", 8", 12", 18", 24", 36".				



ORDERING INSTRUCTIONS

For Chisel Blanks, specify: 1. Steel size. 2. Overall length including shank. 3. Shank style. 4. Make and number of hammer. Example: 100—3/4 x 8 Chisel Blanks, C2 Hex Shank, for CP No. 2 Hammer.

PNEUMATIC CHISELS

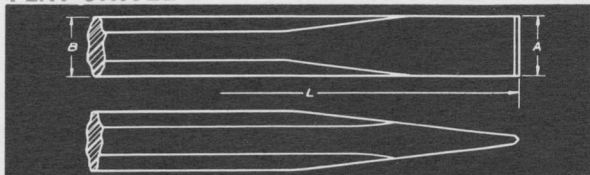


ORDERING INSTRUCTIONS

For Pneumatic Chisels specify: 1. Steel size. 2. Length (including Shank). 3. Blade style. 4. Shank style. 5. Cutting edge "A" dimension. 6. Make and number of hammer. Example: 100—3/4 x 9 Cape Chisels, C2 Hex Shank, A—3/8, for CP No. 2 Hammer.

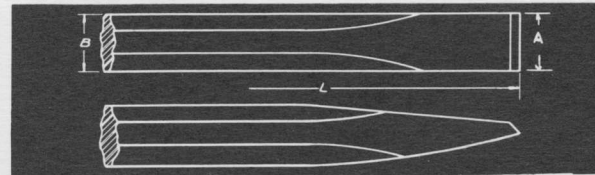
FLAT CHISEL

CAT. No. 2



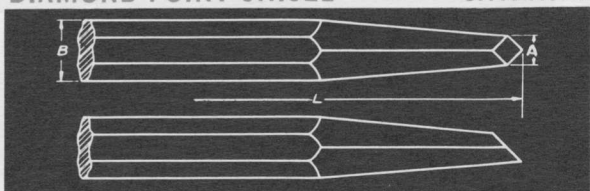
FLAT CHISEL—SIDE CUT

CAT. No. 5



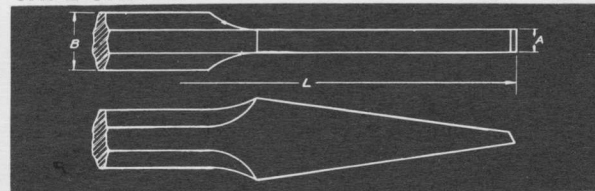
DIAMOND POINT CHISEL

CAT. No. 3



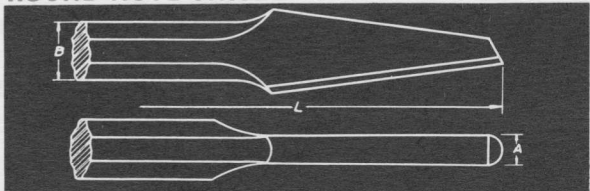
CAPE CHISEL

CAT. No. 6



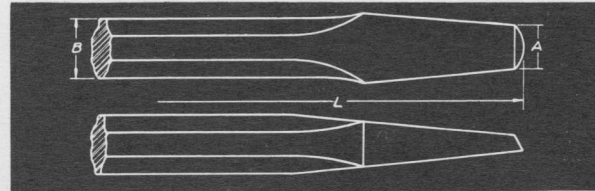
ROUND NOSE CHISEL

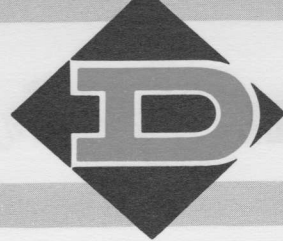
CAT. No. 4



HALF ROUND NOSE CHISEL

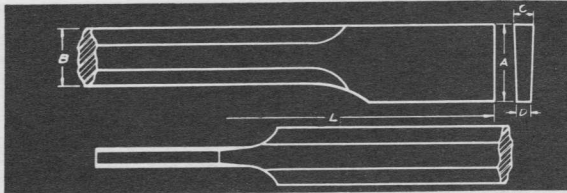
CAT. No. 7





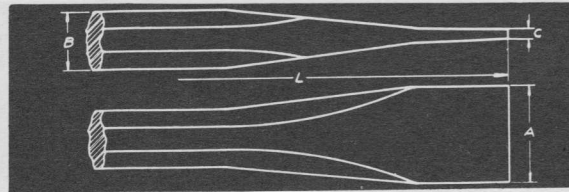
RIPPER CHISEL

CAT. No. 8



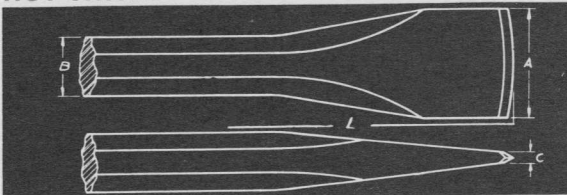
SCALING CHISEL

CAT. No. 12



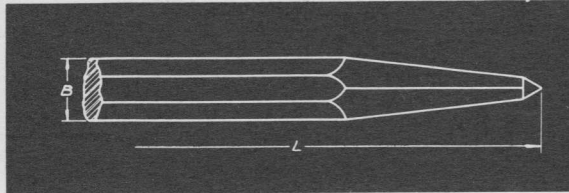
HOT CHISEL

CAT. No. 9



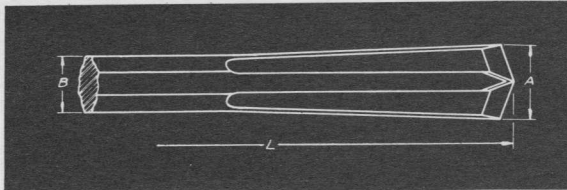
BULL POINT

CAT. No. 13



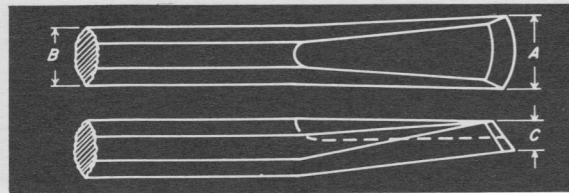
STAR DRILL

CAT. No. 10



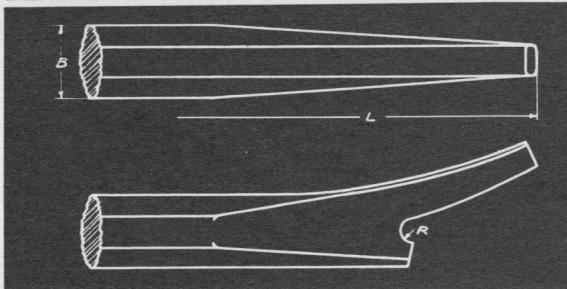
HOLLOW GOUGE

CAT. No. 14



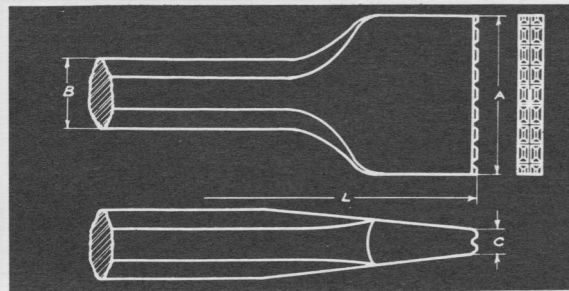
BEADING TOOL

CAT. No. 11



FOUNDRY SCALING TOOL

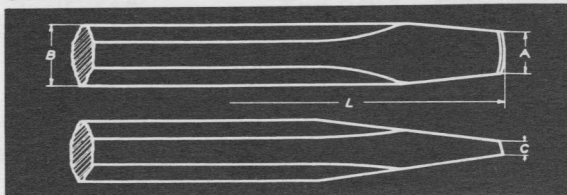
CAT. No. 15



PNEUMATIC CALKING TOOLS

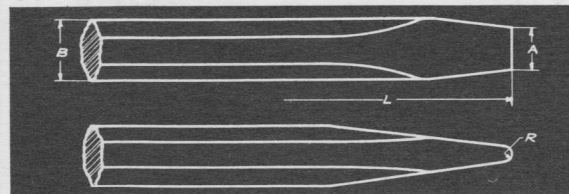
STRAIGHT SEAM TOOL

CAT. No. 16



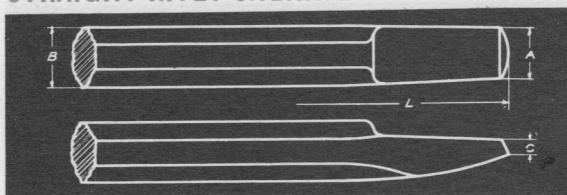
STRAIGHT FULLER

CAT. No. 18



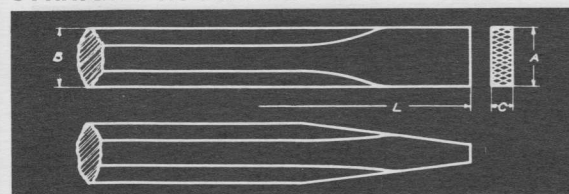
STRAIGHT RIVET CALKING

CAT. No. 17



STRAIGHT ROUGHING TOOL

CAT. No. 19

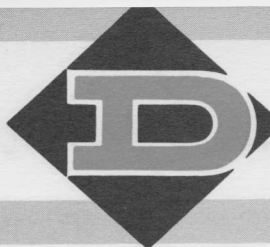


HAND (Boiler) CALKING TOOLS

Any of the above tools, shown dressed for pneumatic calking, can be furnished for hand use.

BENT CALKING TOOLS

Any of the above tools can also be furnished in bent design.

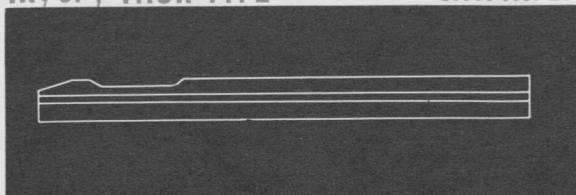


WELD FLUX SCALING CHISELS AND BLANKS

CHISEL BLANK TYPES

IR, CP, THOR TYPE

CAT. No. 25

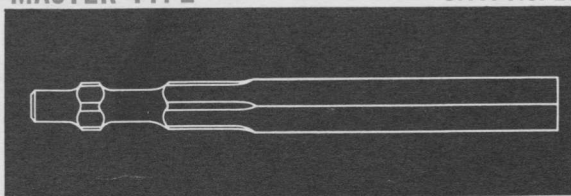


1/2" Qtr. Oct. Stock	For I.R., C.P. & Thor Hammers					
Length	4"	6"	8"	12"	18"	24"
Wt. per Doz.	3 1/4 lbs.	5 lbs.	6 3/4 lbs.	10 lbs.	15 lbs.	20 lbs.

Note: Specify make of hammer.

MASTER TYPE

CAT. No. 26

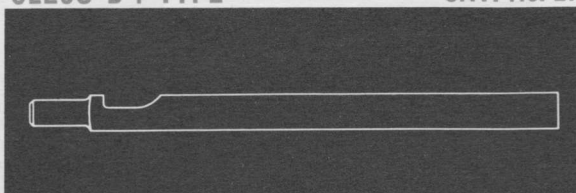


1/2" Qtr. Oct. Stock	For Master Scaling Hammer					
Length	4"	6"	8"	12"	18"	24"
Wt. per Doz.	3 1/4 lbs.	5 lbs.	6 3/4 lbs.	10 lbs.	15 lbs.	20 lbs.

NOTE: Specify whether standard or short stroke.

CLECO B-1 TYPE

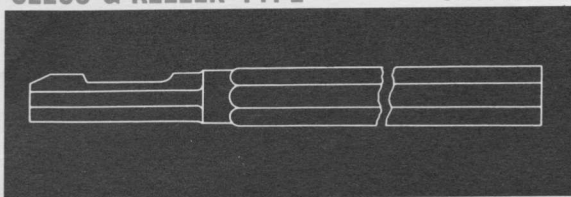
CAT. No. 27



1/2" Square Stock	For Cleco B-1 Scaling Hammer					
Length	4"	6"	8"	12"	18"	24"
Wt. per Doz.	3 1/4 lbs.	5 lbs.	6 3/4 lbs.	10 lbs.	15 lbs.	20 lbs.

CLECO & KELLER TYPE

CAT. No. 28

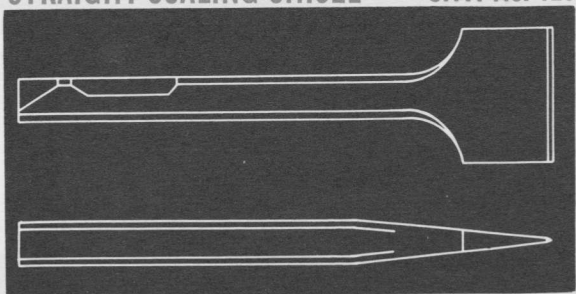


5/8" Oct. Stock	For Cleco & Keller Hammers					
Length	4"	6"	8"	12"	18"	24"
Wt. per Doz.	4 lbs.	6 1/2 lbs.	8 1/2 lbs.	13 lbs.	20 lbs.	26 lbs.

WELD FLUX DRESSED CHISEL SHAPES

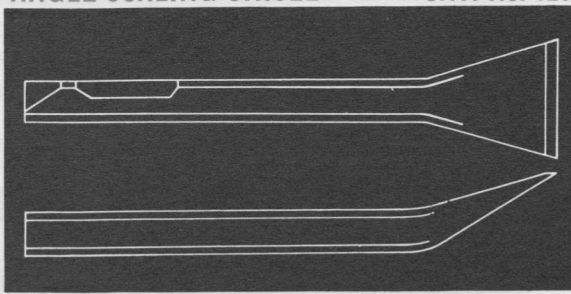
STRAIGHT SCALING CHISEL

CAT. No. 125



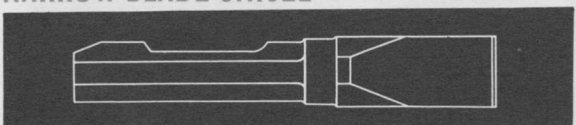
ANGLE SCALING CHISEL

CAT. No. 126



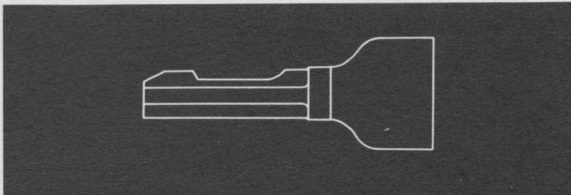
NARROW BLADE CHISEL

CAT. No. 127



WIDE BLADE CHISEL

CAT. No. 128



Standard width 1 1/4"



ORDERING INSTRUCTIONS

For Weld Flux scaling tools please specify:

1. Length and blade type. 2. Hammer make and model.

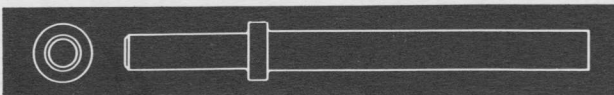
Example: Angle Scaling Chisel, 8" long for IR. No. 17 Scaling Hammer.

NOTE: Weld Flux Blanks can be furnished dressed to diamond point, round nose cape chisels, etc. Prices on request.

ROUND AND OVAL COLLAR PNEUMATIC CHISEL BLANKS

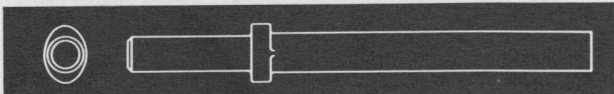
ROUND COLLAR

CAT. No. 77



OVAL COLLAR

CAT. No. 78



Furnished in either C1 Round Shank or C2 Hex. Shank. (See page 9 for shank dimensions).

Catalog Number	77	77	77		
	78	78	78		
Length	9"	12"	18"		
Weight Ea.	1¼ lbs.	1¾ lbs.	2¾ lbs.		

ROUND AND OVAL COLLAR PNEUMATIC CHISELS



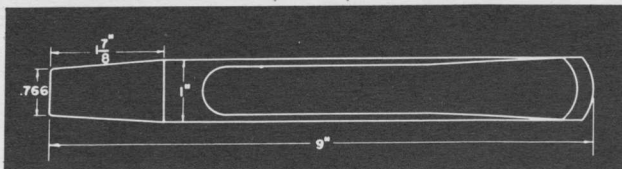
ORDERING INSTRUCTIONS

Catalog 77 or 78 Blanks can be furnished dressed to flat chisel and moil points. See our price list for further details. Ordering example: 100—Cat. No. 78 Oval Collar Retainer Blanks Round Shank, 9 inches long, dressed to Flat Chisels.

RIVETING HAMMER RETAINER TOOLS

No. 80X LIGHT TYPE (FLAT)

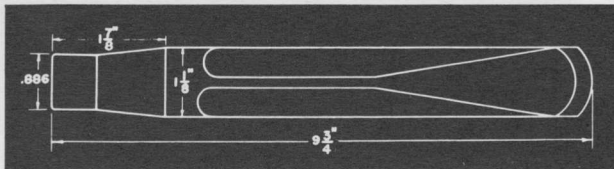
CAT. No. 39



Wt. per Doz. 18 lbs.

No. 11 EXTRA HEAVY

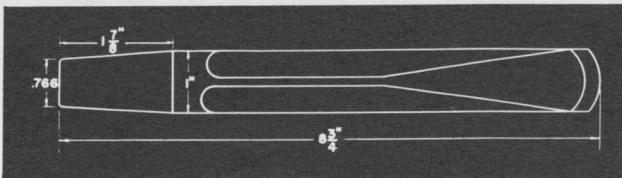
CAT. No. 44



Wt. per Doz. 24 lbs.

No. 80X HEAVY

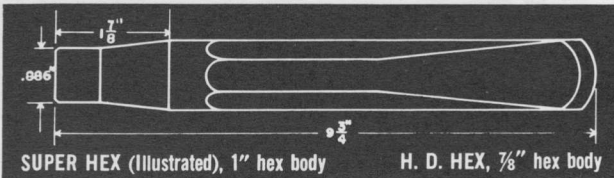
CAT. No. 40



Wt. per Doz. 18 lbs.

HEX. TYPE

CAT. No. 43



Wt. per Doz. SUPER HEX. 24 lbs.

H. D. HEX. 18 lbs.



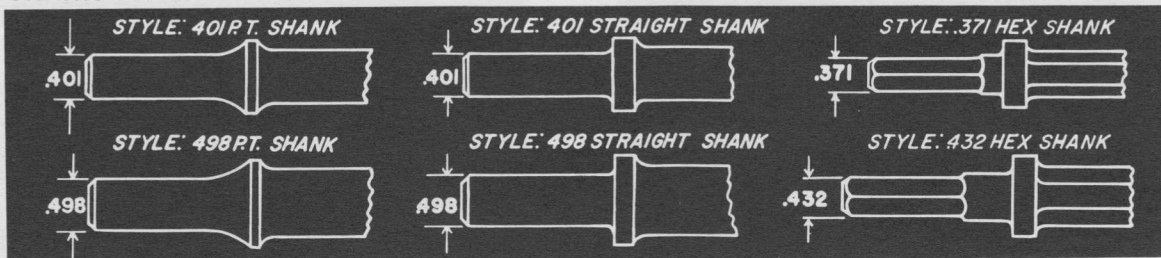
ORDERING INSTRUCTIONS

In ordering specify double bevel for loose or single bevel for tight rivets. Can be furnished dressed to back-out punches for all sizes of rivets 3/8" to 1". Also dressed to moil or bull points, etc.

LIGHT RIVETING HAMMER CHISELS

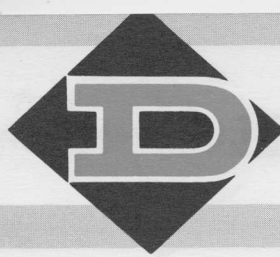
SHANK TYPES

CAT. No. 175



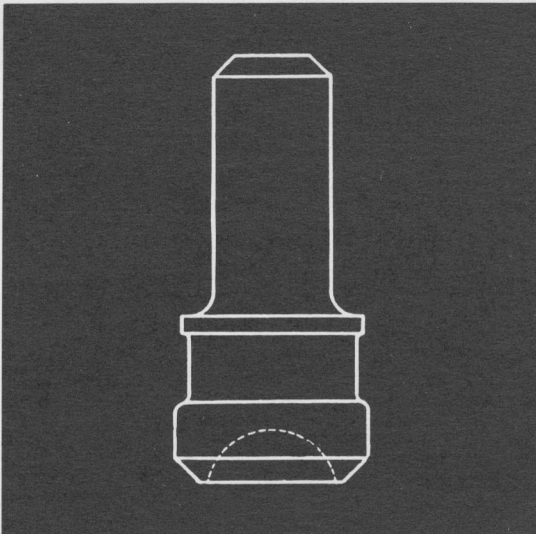
ORDERING INSTRUCTIONS

Chisel Blanks or dressed pneumatic chisels can be furnished with the above style shanks for use in all makes of light riveting hammers. In ordering specify style shank desired, overall length of blanks and if dressed ready for use, whether flat, round nose, diamond point, etc., and make of hammer, thus: 100—Style :401 P.T. Shank pneumatic flat chisels 5" long for C.P. 3x hammer.

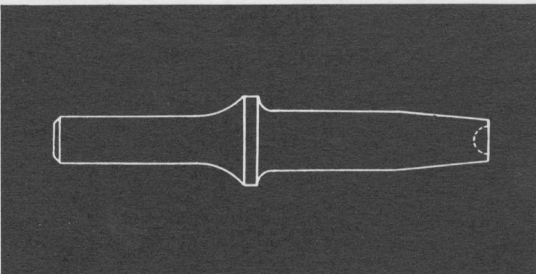


RIVET SETS

STRUCTURAL RIVET SET



AIRCRAFT RIVET SET

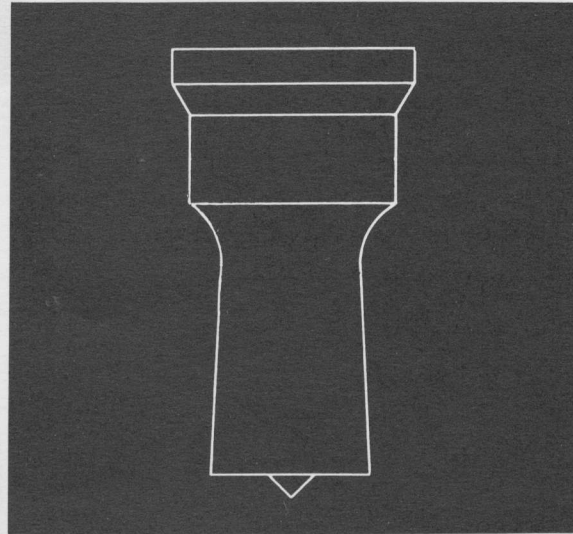


The rivet sets illustrated are typical examples of the many types of structural and aircraft rivet sets we manufacture.

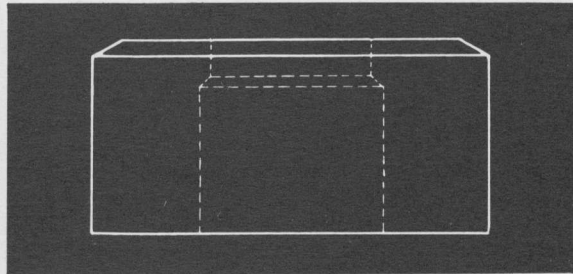
For full descriptive data, send for special RIVET SET BULLETIN.

PUNCHES AND DIES

STANDARD ROUND PUNCH



STANDARD PUNCH DIE

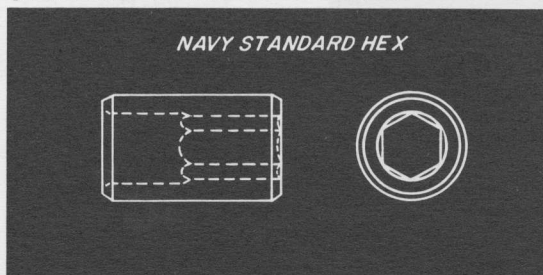


We manufacture a complete line of machine punches and dies such as the examples shown.

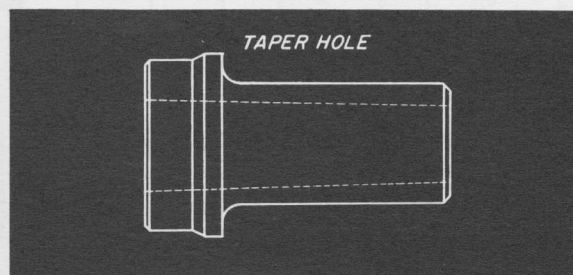
For full descriptive data, send for special PUNCH & DIE BULLETIN.

PNEUMATIC HAMMER BUSHINGS

CHIPPING HAMMER BUSHING

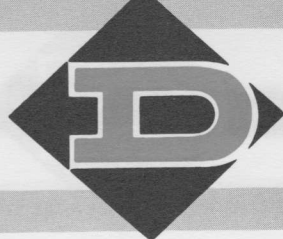


RIVETING HAMMER BUSHING



The bushings illustrated are typical examples of the standard pneumatic hammer bushings we manufacture. Special one-piece bushings available for S.N., Reverse hex, and Sheep Nose Shanks.

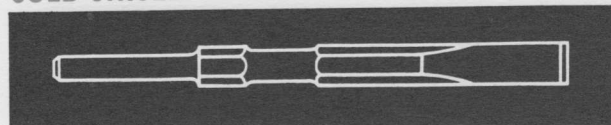
NOTE: Specify make and model of hammer and actual O.D. (Standard or oversize).



FOR BLACK & DECKER, STANLEY, SYNTRON, THOR, ETC.

COLD CHISEL

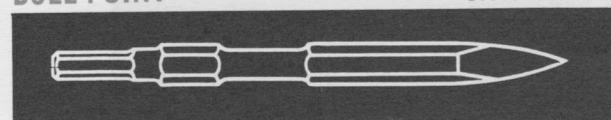
CAT. No. 275



Size	5/8"	3/4"	7/8"		
Length	8"	9"	9"		
Wt. per Doz.	7 1/2 lbs.	14 lbs.	19 1/2 lbs.		

BULL POINT

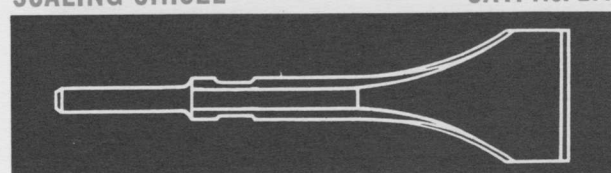
CAT. No. 276



Size	5/8"	5/8"	3/4"	7/8"	7/8"
Length	9"	18"	9"	12"	20"
Wt. per Doz.	9 3/4 lbs.	19 1/2 lbs.	14 lbs.	26 lbs.	43 lbs.

SCALING CHISEL

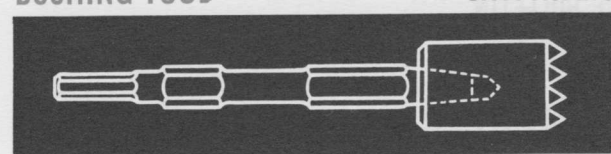
CAT. No. 277



Size	5/8"	5/8"	3/4"	7/8"	
Length	9"	9"	9"	10"	
Blade	1 1/4"	1 3/4"	1 1/2"	2"	
Wt. per Doz.	9 3/4 lbs.	10 1/2 lbs.	14 lbs.	21 1/2 lbs.	

BUSHING TOOL

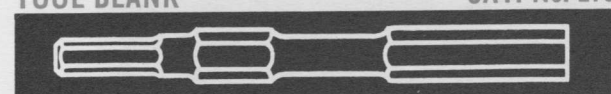
CAT. No. 278



Size	5/8"	3/4"	7/8"		
Length	8 1/2"	9"	9"		
Head	1 1/4"	1 1/2"	1 1/2"		
Wt. Ea.	1 1/2 lbs.	2 1/2 lbs.	2 1/2 lbs.		

TOOL BLANK

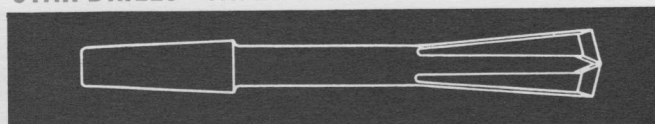
CAT. No. 279



Size	5/8"	3/4"	3/4"	7/8"	
Length	8"	8"	12"	12"	
Wt. per Doz.	8 1/2 lbs.	12 1/2 lbs.	18 1/2 lbs.	26 lbs.	

STAR DRILLS—TAPER SHANK

CAT. No. 266

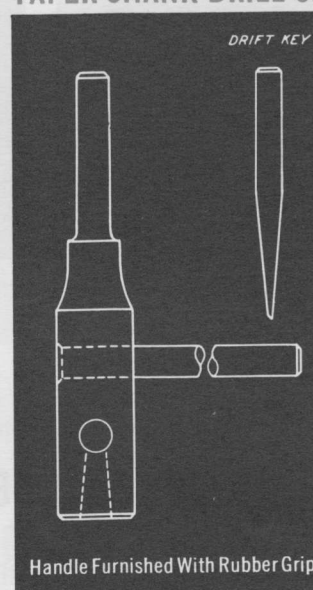


Size Cutting Diameter	Amount Per Package					Wt. per Doz. 6" Length		
	4"	6"	9"	12"	18"			
1/4"	12	..	..	..	..	..
5/16"	12	..	..	..	..	..
3/8"	..	12	..	..	..	1 1/2 lbs.		
7/16"	..	12	..	..	..	2 lbs.		
1/2"	..	6	6	6	..	2 1/2 lbs.		
9/16"	..	6	6	6	Bulk	3 3/8 lbs.		
5/8"	..	6	6	6	Bulk	4 lbs.		
1 1/16"	..	6	6	6	Bulk	4 1/2 lbs.		
3/4"	..	6	6	6	Bulk	5 1/4 lbs.		
13/16"	..	6	6	6	Bulk	5 3/4 lbs.		
7/8"	..	6	6	6	Bulk	6 1/2 lbs.		
1"	..	6	6	6	Bulk	8 lbs.		
1 1/8"	..	6	6	6	Bulk	9 1/4 lbs.		

1 1/4" and larger available in Straight Shank styles. Specify hammer and shank.

TAPER SHANK DRILL CHUCK

CAT. No. 265



Chuck No.	Drill Sizes	Length	Wt. Ea.
1	1/4" - 1 1/16"	6"	3/4 lb.
2	3/4" - 1 1/8"	6"	3/4 lb.

NOTE:

When ordering chuck, specify:

1. Hammer Model.
2. Shank Style.
3. Taper Hole Style.



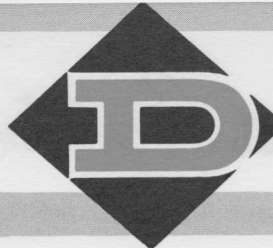
ORDERING INSTRUCTIONS

For electric hammer tools please specify the following:

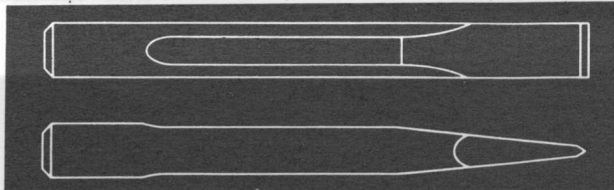
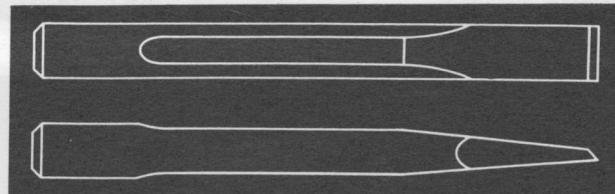
1. Dimensions and description of tool.
2. Make and model number of hammer.
3. Hammer manufacturer's shank number.

Example: 5/8" x 9" Bull Point for B&D 3/4" hammer with No. 1 shank.

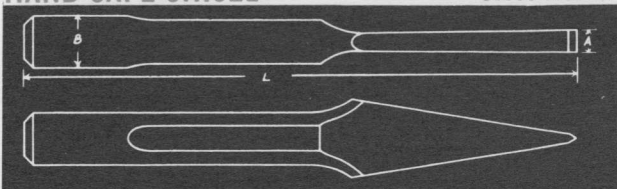
OTHER ELECTRIC HAMMER TOOL STYLES CAN BE MADE TO ORDER

**DELAWARE TOOL STEEL***Corporation*

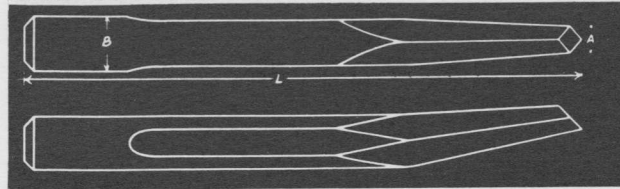
WILMINGTON, DELAWARE

HAND TOOLS**HAND FLAT CHISEL****CAT. No. 50****HAND SIDE CUT CHISEL****CAT. No. 56**

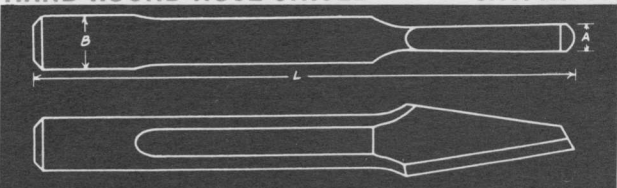
Stock Size and Cut	Lengths and Weights per Dozen									
	5½"	6"	6½"	7½"	8"	8½"	12"	18"	24"	
¼"	1 lb.									
⅜"		1¼ lbs.								
½"		3¾ lbs.					9 lbs.	13 lbs.		
⅝"			6 lbs.				12 lbs.	18 lbs.		
¾"				12 lbs.			18 lbs.	27 lbs.	36 lbs.	
⅞"					14¼ lbs.		24 lbs.	37 lbs.	48 lbs.	
1"						19¼ lbs.	30 lbs.	47 lbs.	70 lbs.	
1⅛"							37 lbs.	55 lbs.	75 lbs.	
1¼"							49 lbs.	75 lbs.	102 lbs.	

HAND CAPE CHISEL**CAT. No. 51**

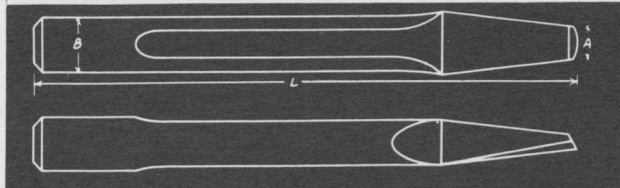
Size A	B	L	Wt. per Doz.		
¼"	½"	5½"	1 lb.		
⅜"	⅝"	6½"	6 lbs.		
½"	¾"	7½"	10¼ lbs.		
⅝"	¾"	7½"	10¼ lbs.		
¾"	⅞"	8"	14¾ lbs.		

HAND DIAMOND POINT CHISEL**CAT. No. 52**

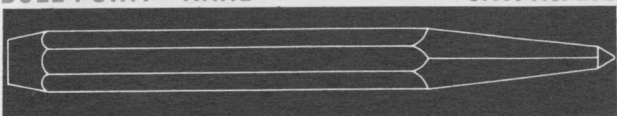
Size A	B	L	Wt. per Doz.		
¼"	½"	5½"	1 lb.		
⅜"	⅝"	6½"	6 lbs.		
½"	¾"	7½"	10¼ lbs.		
⅝"	¾"	7½"	10¼ lbs.		
¾"	⅞"	8"	14¾ lbs.		

HAND ROUND NOSE CHISEL**CAT. No. 53**

Size A	B	L	Wt. per Doz.		
¼"	½"	5½"	1 lb.		
⅜"	⅝"	6½"	6 lbs.		
½"	¾"	7½"	10¼ lbs.		
⅝"	¾"	7½"	10¼ lbs.		
¾"	⅞"	8"	14¾ lbs.		

HALF-ROUND NOSE CHISEL**CAT. No. 54**

Size A	B	L	Wt. per Doz.		
¼"	½"	5½"	1 lb.		
⅜"	⅝"	6½"	6 lbs.		
½"	¾"	7½"	10¼ lbs.		
⅝"	¾"	7½"	10¼ lbs.		
¾"	⅞"	8"	14¾ lbs.		

BULL POINT—HAND**CAT. No. 252**

Sizes Available	⅝"	¾"	⅞"	1"	1⅛"	1¼"	1½"		
Wt. per Doz. 12" length	12 lbs.	18 lbs.	24 lbs.	31 lbs.	39 lbs.	47 lbs.	68 lbs.		

Lengths Available—8", 12", 18", 24", 30", 36".

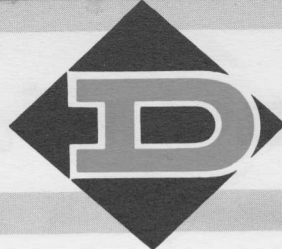
SAFE/KUT TOOLS

All hand tools manufactured by us are available as SAFE-T-KUT type, designed and processed with the following safety features:

**SAFETY HEAD**

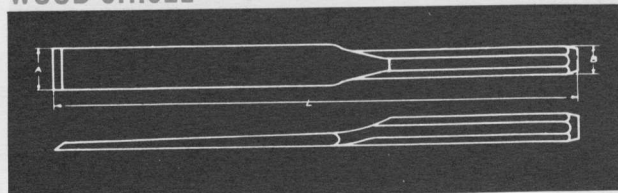
- Made from DELSTEEL ALLOY.
- Safety heat treatment of heads and cutting edges.
- Certified 100% Magnaflux inspected.
- Safety design of striking heads.

Apply for price on these special tools.



WOOD CHISEL

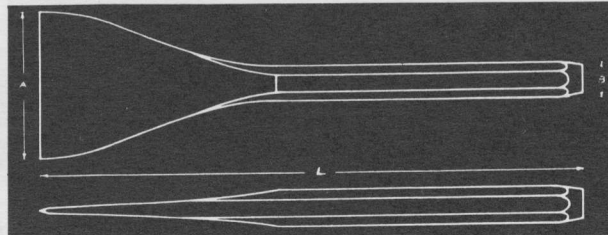
CAT. No. 57



A	B	L	Wt. per Doz.		
1/2"	3/8"	10"	3 1/2 lbs.		
3/4"	1/2"	10"	6 lbs.		
1"	5/8"	10 1/2"	9 1/2 lbs.		
1 1/4"	3/4"	10 1/2"	12 lbs.		

FLOOR CHISEL

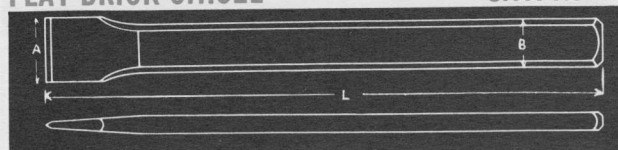
CAT. No. 58



A	B	L	Wt. per Doz.		
2"	5/8"	10"	9 1/2 lbs.		
2 1/2"	3/4"	10"	14 lbs.		
3 1/4"	3/4"	12"	18 lbs.		

FLAT BRICK CHISEL

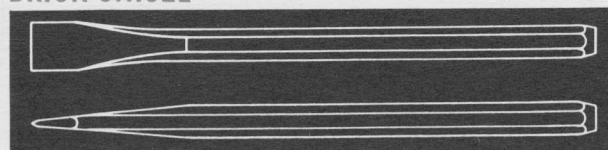
CAT. No. 61



Stock	Length	Cut	Wt. per Doz.		
3/8" x 7/8"	12"	1 1/8"	12 lbs.		

BRICK CHISEL

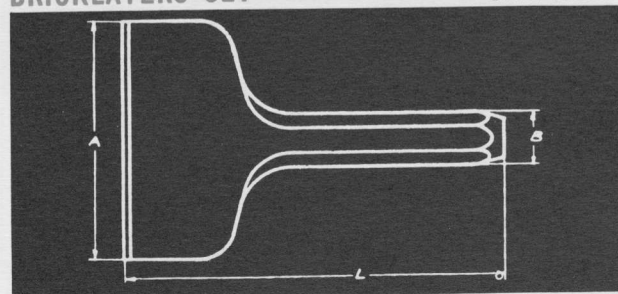
CAT. No. 60



Stock	Cut	Length	Wt. per Doz.		
1/2"	3/4"	10"	6 3/4 lbs.		
5/8"	1"	12"	12 1/2 lbs.		
5/8"	1"	24"	26 lbs.		

BRICKLAYERS' SET

CAT. No. 62

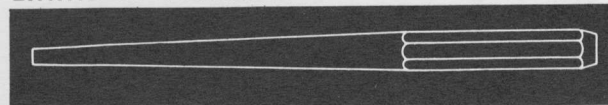


A	B	L	Wt. per Doz.		
2 1/2"	7/8"	7"	15 lbs.		
3"	7/8"	7"	18 lbs.		
3 1/2"	7/8"	7"	18 3/4 lbs.		
4"	7/8"	7"	19 1/2 lbs.		

Furnished either Single or Double Bevel.

LINING-UP PUNCH

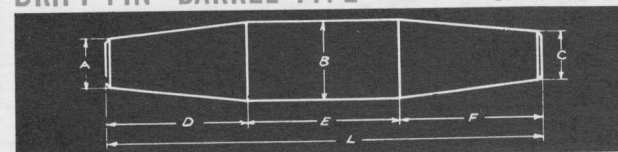
CAT. No. 65



Stock Size	Length	Wt. per Doz.		
3/8"	9"	2 3/4 lbs.		
1/2"	10"	4 3/4 lbs.		
1/2"	15"	8 1/4 lbs.		
5/8"	10"	8 lbs.		
5/8"	16"	15 lbs.		
3/4"	10"	12 lbs.		
3/4"	16"	21 lbs.		
7/8"	10"	17 lbs.		
7/8"	16"	27 lbs.		
1"	16"	37 lbs.		

DRIFT PIN—BARREL TYPE

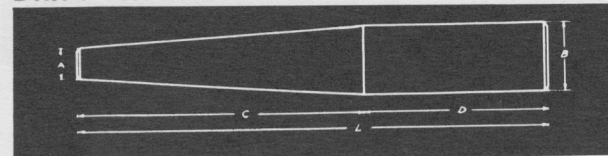
CAT. No. 48



Pin Size "B"	L	D	E	F	A	C	Wt. per Doz.		
7/16"	4 1/2"	1 1/2"	1 1/2"	1 1/2"	1/4"	1/4"	1 3/4 lbs.		
9/16"	4 7/8"	1 3/8"	1 3/8"	1 3/8"	3/8"	3/8"	3 1/4 lbs.		
1 1/16"	5 1/4"	1 3/4"	1 3/4"	1 3/4"	7/16"	7/16"	5 3/4 lbs.		
1 3/16"	6"	2"	2"	2"	1/2"	1/2"	8 1/4 lbs.		
1 5/16"	6 1/2"	2 1/4"	2 1/4"	2 1/4"	9/16"	9/16"	11 3/4 lbs.		
1 7/16"	7 3/4"	2 3/4"	2 3/4"	2 3/4"	5/8"	5/8"	20 1/4 lbs.		
1 9/16"	8 1/2"	3"	2 1/2"	3"	11/16"	11/16"	27 lbs.		

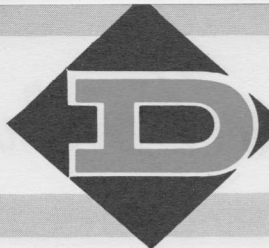
DRIFT PIN—STRAIGHT TAPER

CAT. No. 47

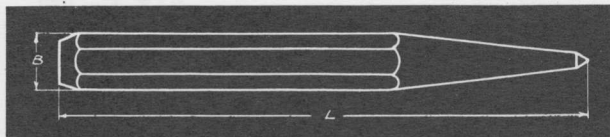


Pin Size "B"	L	D	C	A	Wt. per Doz.		
1/4"	5"	2"	3"	1/16"	1/2 lb.		
3/8"	5"	2"	3"	1/8"	1 1/4 lbs.		
1/2"	5 1/2"	2"	3 1/2"	3/16"	2 1/2 lbs.		
5/8"	6"	2"	4"	1/4"	5 1/4 lbs.		
3/4"	7"	3"	4"	5/16"	7 3/4 lbs.		
7/8"	7 1/2"	3"	4 1/2"	3/8"	10 3/4 lbs.		
1"	8"	3"	5"	7/16"	14 3/4 lbs.		
1 1/8"	8 1/2"	3"	5 1/2"	1/2"	20 1/4 lbs.		
1 1/4"	9 1/2"	3"	6 1/2"		26 lbs.		

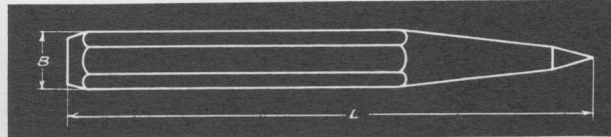
NOTE: Special pins can be furnished machined, centerless ground and heat-treated to specification.

**DELAWARE TOOL STEEL***Corporation*

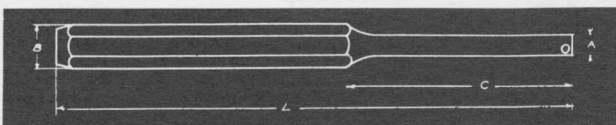
WILMINGTON, DELAWARE

HAND TOOLS**CENTER PUNCH****CAT. No. 67**

B	L	Wt. per Doz.		
5/16"	4"	1 lb.		
3/8"	5"	2 lbs.		
1/2"	5 1/2"	3 lbs.		
5/8"	6"	6 lbs.		

PRICK PUNCH**CAT. No. 68**

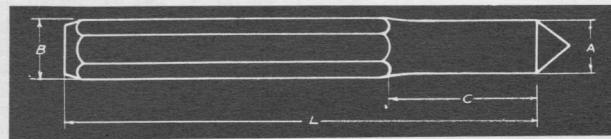
B	L	Wt. per Doz.		
5/16"	4"	1 lb.		
3/8"	5"	2 lbs.		
1/2"	5 1/2"	3 lbs.		
5/8"	6"	6 lbs.		

PIN PUNCH**CAT. No. 69**

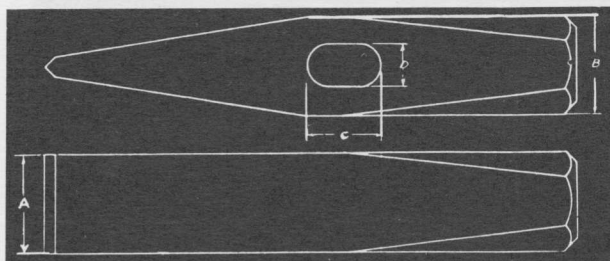
A	B	L	Wt. per Doz.		
3/32"	1/4"	4"	1 lb.		
1/8"	1/4"	4"	1 lb.		
5/32"	5/16"	5"	1 1/2 lbs.		
3/16"	3/8"	5 1/2"	2 lbs.		
7/32"	1/2"	7"	5 lbs.		

MARKER PUNCH—STYLE A**CAT. No. 71**

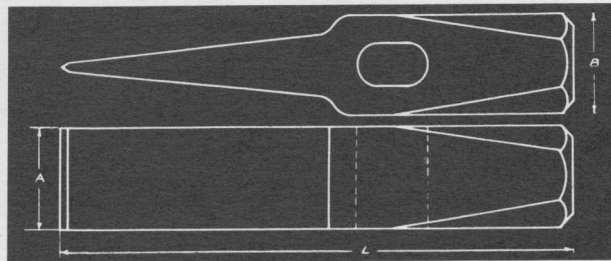
A	17/64"	25/64"	33/64"	43/64"	51/64"	59/64"	13/64"		
B	5/8"	5/8"	3/4"	3/4"	7/8"	1"	1 1/8"		
L	5"	5"	5 1/2"	5 1/2"	6"	6 1/2"	6 1/2"		
Wt. per Doz.	5 1/2 lbs.	5 1/2 lbs.	8 1/2 lbs.	8 1/2 lbs.	13 lbs.	18 lbs.	23 lbs.		

MARKER PUNCH—STYLE B**CAT. No. 72**

A	17/64"	25/64"	33/64"	43/64"	51/64"	59/64"	13/64"		
B	5/8"	5/8"	3/4"	3/4"	7/8"	1"	1 1/8"		
L	5"	5"	5 1/2"	5 1/2"	6"	6 1/2"	6 1/2"		
Wt. per Doz.	5 1/2 lbs.	5 1/2 lbs.	8 1/2 lbs.	8 1/2 lbs.	13 lbs.	18 lbs.	23 lbs.		

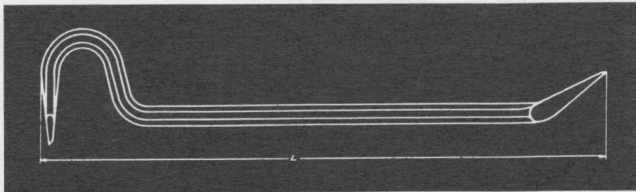
COLD CUTTER—HANDLE TYPE**CAT. No. 74**

Size "B"	A	L	Wt. Each		
1 1/4"	1 1/4"	6 1/4"	2 lbs.		
1 1/2"	1 1/2"	7"	3 lbs.		
1 3/4"	1 3/4"	8"	5 lbs.		

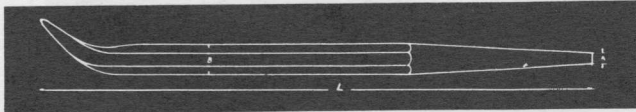
HOT CUTTER—HANDLE TYPE**CAT. No. 76**

Size "B"	A	L	Wt. Each		
1 3/8"	1 3/8"	7"	2 1/2 lbs.		
1 1/2"	1 1/2"	7 1/4"	3 lbs.		

Note: Available as back-out punches.

GOOSE-NECK WRECKING BAR**CAT. No. 63**

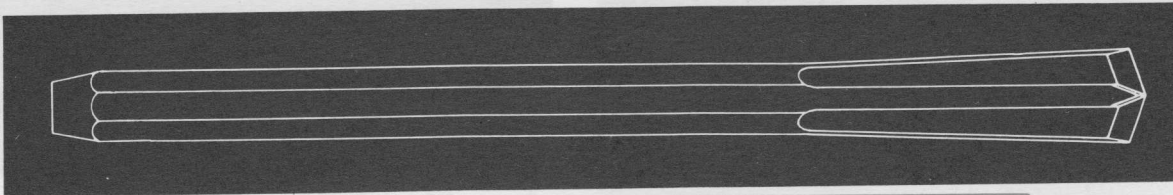
B	L	Wt. per Doz.		
5/8"	18"	21 1/2 lbs.		
3/4"	24"	41 lbs.		
7/8"	36"	75 lbs.		

PRY BAR—FITTING-UP**CAT. No. 64**

B	L	Wt. per Doz.		
5/8"	14"	15 lbs.		
3/4"	24"	37 lbs.		
7/8"	30"	54 lbs.		
1"	30"	86 lbs.		

STAR DRILLS—HAND—4 POINT

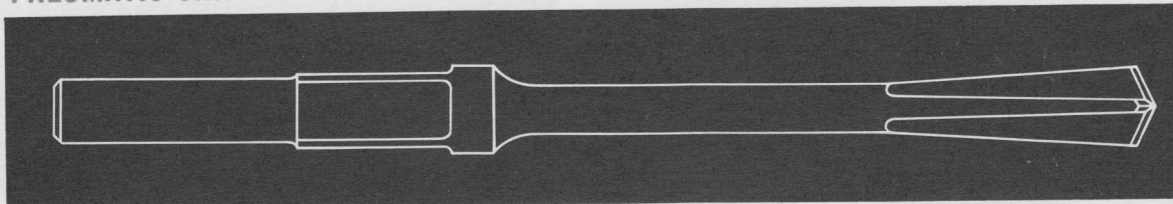
CAT. No. 249



Size Cutting Diameter	Lengths and Weights per Dozen				Quantity per Std. Package		
	8"	12"	18"	24"			
3/16"	1 lb.	1 1/2 lbs.			12		
1/4"	1 lb.	1 1/2 lbs.	2 1/4 lbs.	3 lbs.	12		
5/16"	1 1/4 lbs.	2 lbs.	3 lbs.	4 lbs.	12		
3/8"	2 1/8 lbs.	3 1/4 lbs.	4 3/4 lbs.	6 1/2 lbs.	12		
7/16"	2 1/2 lbs.	3 1/2 lbs.	5 1/4 lbs.	7 lbs.	12		
1/2"	3 1/4 lbs.	5 lbs.	7 1/2 lbs.	10 lbs.	12		
9/16"	4 lbs.	6 1/4 lbs.	8 1/4 lbs.	12 1/2 lbs.	12		
5/8"	5 1/2 lbs.	8 lbs.	12 lbs.	16 lbs.	12		
11/16"	6 3/4 lbs.	10 lbs.	15 lbs.	20 lbs.	12		
3/4"	7 lbs.	10 1/2 lbs.	15 3/4 lbs.	21 lbs.	6		
13/16"	8 lbs.	12 lbs.	18 lbs.	24 lbs.	6		
7/8"	8 1/4 lbs.	12 1/2 lbs.	18 1/4 lbs.	25 lbs.	6		
1"	10 lbs.	15 1/2 lbs.	22 3/4 lbs.	31 lbs.	6		
1 1/8"	...	18 1/2 lbs.	27 3/4 lbs.	37 lbs.	4		
1 1/4"	...	20 lbs.	30 lbs.	40 lbs.	4		
1 3/8"	...	24 lbs.	36 lbs.	48 lbs.	4		
1 1/2"	...	24 1/2 lbs.	36 3/4 lbs.	49 lbs.	4		
1 5/8"	...	33 lbs.	49 1/2 lbs.	66 lbs.	...		
1 3/4"	...	33 lbs.	49 1/2 lbs.	66 lbs.	...		
1 7/8"	...	34 lbs.	51 lbs.	68 lbs.	...		
2"	...	34 lbs.	51 lbs.	68 lbs.	...		

PNEUMATIC CHIPPING HAMMER DRILLS—4 POINT

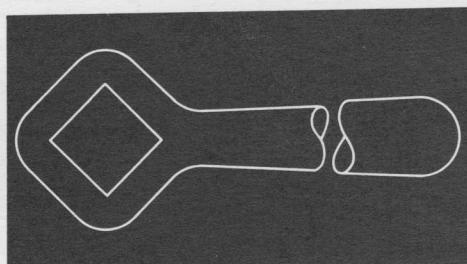
CAT. No. 263



Can be furnished in type C1 Round, C2 Hexagon, or C3 Differential Shanks.
See page 9 for shank specifications.

WRENCH FOR ROTATING DRILL

CAT. No. 264



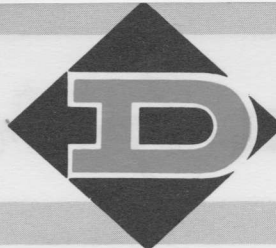
Length—11"
Wt. each—2 lb.

Size Cutting Diameter	Weight per Dozen				
	Overall Length 12"	Overall Length 16"	Overall Length 22"		
3/8"	11 lbs.		16 lbs.		
1/2"	12 lbs.	13 lbs.	19 lbs.		
5/8"	12 lbs.	15 lbs.	20 lbs.		
3/4"	12 lbs.	16 lbs.	21 lbs.		
7/8"	13 lbs.	16 lbs.	21 lbs.		
1"	16 lbs.	20 lbs.	25 lbs.		
1 1/8"	16 lbs.	21 lbs.	29 lbs.		
1 1/4"	17 lbs.	22 lbs.	30 lbs.		
1 3/8"	18 lbs.	23 lbs.	31 lbs.		
1 1/2"	23 lbs.	25 lbs.	33 lbs.		



ORDERING INSTRUCTIONS

When ordering chipping hammer drill, please specify: 1. Hole size. 2. Overall length. 3. Shank style. Example: 100—3/4 x 12 pneumatic star drills, with C1 Round Shank.



DELAWARE TOOL STEEL

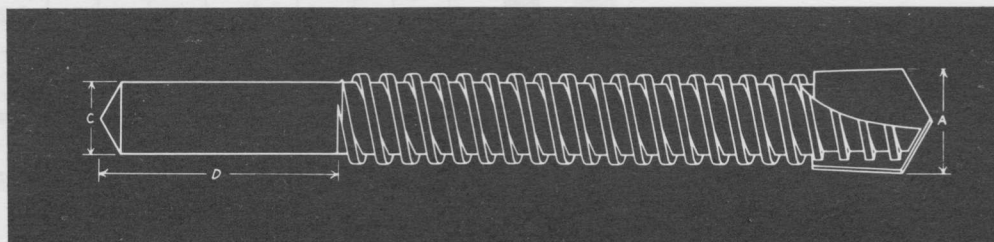
Corporation

WILMINGTON, DELAWARE

DRILLS

CARBIDE TIPPED SPIRAL FLUTED MASONRY DRILLS

CAT. No. 271



Nominal Diameter	Weight per Dozen						*Actual Diameter A	Shank Dimensions			
	Standard Length				Extra Length			Diameter C	Length D		
	3"	4"	6"	.10"	12"	18"					
1/8"	1/4 lb.	...	...	...	...	...	.130"	1/8"	...		
3/16"	1/4 lb.	...	...	...	...	...	.198"	3/16"	...		
1/4"	...	1/2 lb.	...	...	1 1/2 lb.	2 1/4 lbs.	.260"	1/4"	...		
5/16"	...	1 lb.	...	...	3 lbs.	4 1/2 lbs.	.328"	1/4"	...		
3/8"	...	1 lb.	...	...	3 lbs.	4 1/2 lbs.	.390"	1/4"	1 1/2"		
7/16"	2 lbs.	...	4 lbs.	6 lbs.	.458"	3/8"	1 3/4"		
1/2"	3 lbs.	...	6 lbs.	9 lbs.	.525"	3/8"	...		
9/16"	3 1/4 lbs.	...	6 1/2 lbs.	9 3/4 lbs.	.587"	7/16"	1 5/8"		
5/8"	4 1/4 lbs.	...	8 1/2 lbs.	12 1/4 lbs.	.650"	1/2"	...		
11/16"	5 lbs.	...	10 lbs.	15 lbs.	.713"	1/2"	1 3/4"		
3/4"	5 1/4 lbs.	...	10 lbs.	15 1/4 lbs.	.775"	1/2"	1 5/8"		
7/8"	7 lbs.	...	14 lbs.	21 lbs.	.905"	1/2"	1 3/4"		
1"	9 lbs.	...	18 lbs.	27 lbs.	1.030"	1/2"	1 5/8"		
1 1/8"	14 lbs.	...	28 lbs.	42 lbs.	1.160"	1/2"	1 5/8"		
1 1/4"	21 lbs.	...	38 lbs.	1.285"	1/2"	1 3/4"		
1 1/2"	30 1/2 lbs.	...	55 lbs.	1.535"	1/2"	1 5/8"		

*Tip diameters are oversize to provide correct clearance for installation of anchoring devices.

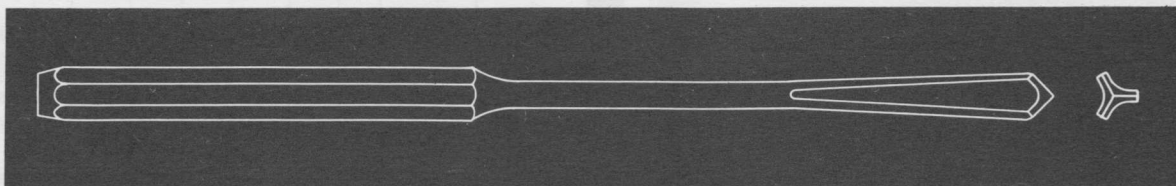
Kit 600: Consisting of one each 1/4", 5/16", 3/8", and 1/2" drill.

Kit 610: Consisting of one each 3/16", 1/4", 5/16", 3/8", 1/2", and 5/8" drill.

Kits 600 and 610 feature a blue plastic container with red flap and binding.

HANDLE TYPE DRILLS—3 POINT

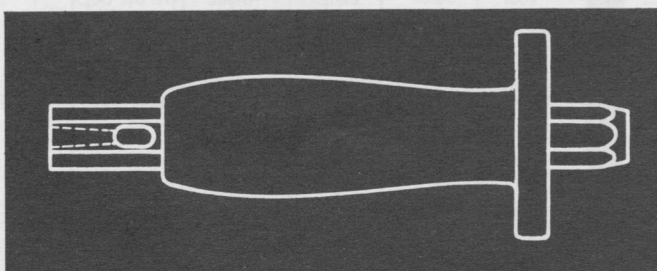
CAT. No. 253



Size Cutting Diameter	Handle Size	Weight per Dozen			Quantity per Std. Package		
		9"	10"	12"			
3/8"	9/16"	6 lbs.	...	...	12		
1/2"	9/16"	...	8 lbs.	...	12		
5/8"	5/8"	...	...	9 lbs.	12		
3/4"	11/16"	...	...	12 lbs.	6		
7/8"	3/4"	...	...	16 lbs.	6		
1"	3/4"	...	...	16 lbs.	6		

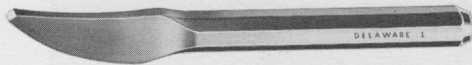
DRILL POINT HOLDER—HAND

CAT. No. 255



Type	Length	Wt. Each
Plain Steel Handle	6 3/8"	5/8 lb.
Rubber Cushioned Handle	6 3/8"	1 lb.

BENT PICKING CHISEL



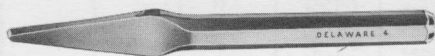
Tool	Stock	Cut	Length	Wt. per Doz.
No. 1	5/8"	3/16"	7 1/2"	6 1/4 lbs.

BRICK CHISEL



Tool	Stock	Cut	Length	Wt. per Doz.
No. 2	1/2"	3/4"	10"	6 3/4 lbs.
3	5/8"	1"	12"	12 1/2 lbs.
3 1/2	5/8"	1"	24"	26 lbs.

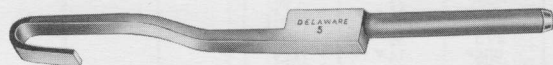
CAPE CHISEL



Tool	Stock	Cut	Length	Wt. per Doz.
No. 4	1/2"	1/4"	6 1/2"	3 1/2 lbs.

NOTE: See Cat. No. 51—Page 15 for other sizes.

CEILING CALKING IRON



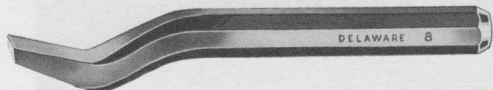
Tool	Length	Blade	Wt. per Doz.
No. 5	14"	5/32" x 5/8"	15 lbs.

CALKING IRON—DOUBLE



Tool	Stock	Length	Blade Thickness	Wt. per Doz.
No. 6	5/8"	9"	1/8"	7 3/4 lbs.

CALKING IRON—BENT



Tool	Style	Stock	Blade	Length	Wt. per Doz.
No. 8	Outside	5/8"	5/32" x 5/8"	7"	6 3/4 lbs.
9	Inside	5/8"	5/32" x 5/8"	7"	6 3/4 lbs.

OFFSET CALKING IRON



Tool	Style	Stock	Blade	Length	Wt. per Doz.
No. 10	Left Hand	5/8"	1/8" x 5/8"	11"	10 lbs.
11	Right Hand	5/8"	1/8" x 5/8"	11"	10 lbs.

CALKING IRON—REGULAR



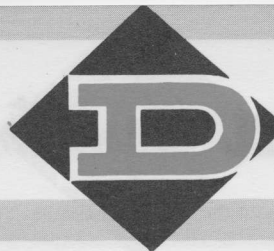
Tool	Stock	Length	Blade	Wt. per Doz.
No. 12	5/8"	8 3/4"	1/8" x 5/8"	8 lbs.

CALKING IRON—SHORT



Tool	Stock	Length	Blade	Wt. per Doz.
No. 13	5/8"	7 3/4"	1/8" x 5/8"	7 1/2 lbs.

STANDARD PACKAGE—SIX PER BOX



DELAWARE TOOL STEEL

Corporation

WILMINGTON, DELAWARE

PLUMBING TOOLS

CALKING IRON—STUB

Tool	Style	Stock	Blade	Length	Wt. per Doz.
No. 14	Outside	5/8"	5/32" x 5/8"	5 1/2"	5 lbs.
14A	Outside	1/2"	1/8" x 1/2"	5 1/2"	3 1/4 lbs.
15	Inside	5/8"	5/32" x 5/8"	5 1/2"	5 lbs.
15A	Inside	1/2"	1/8" x 1/2"	5 1/2"	3 1/4 lbs.



CALKING IRON—"S" SHAPE

Tool	Stock	Length	Blade	Wt. per Doz.
No. 16	1/4" x 3/4"	12"	5/32" x 3/4"	10 lbs.



COLD CHISEL

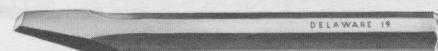
Tool	Cut	Stock	Length	Wt. per Doz.
No. 17	1/2"	1/2"	6"	4 lbs.
17A	3/4"	3/4"	7 1/2"	10 1/4 lbs.
18	7/8"	7/8"	8"	12 1/2 lbs.
18A	1"	1"	8 1/2"	14 1/2 lbs.



NOTE: See Cat. No. 50—Page 15 for other sizes.

DIAMOND POINT CHISEL

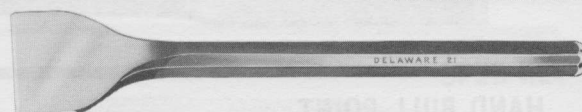
Tool	Cut	Stock	Length	Wt. per Doz.
No. 19	3/8"	5/8"	7"	6 lbs.



NOTE: See Cat. No. 52—Page 15 for other sizes.

FLOOR CHISEL

Tool	Blade	Stock	Length	Wt. per Doz.
No. 20	2"	5/8"	10"	9 1/2 lbs.
21	2 1/2"	5/8"	10"	13 3/4 lbs.
22	3 1/4"	3/4"	12"	18 1/4 lbs.



GASKET IRON—YARNER

Tool	Blade	Stock	Length	Wt. per Doz.
No. 23	1/16" x 5/8"	5/8"	7"	6 1/2 lbs.



GASKET IRON—YARNER

Tool	Stock	Blade	Length	Wt. per Doz.
No. 24	5/8"	3/32" x 5/8"	12"	9 1/2 lbs.
24A	1/2"	3/32" x 5/8"	11"	5 lbs.
25	5/8"	3/32" x 5/8"	14"	10 1/2 lbs.
25A	3/4"	5/32" x 3/4"	14"	12 3/4 lbs.
26	5/8"	3/32" x 5/8"	16"	11 3/4 lbs.

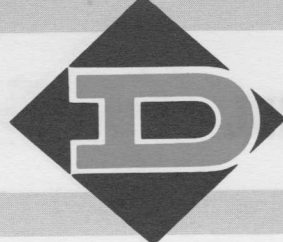


GASKET IRON

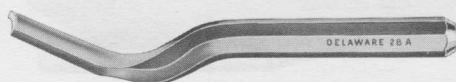
Tool	Stock	Blade	Length	Wt. per Doz.
No. 27	5/8"	3/32" x 5/8"	18"	12 3/4 lbs.
27A	1/2"	1/16" x 1/2"	12"	6 1/2 lbs.



STANDARD PACKAGE—SIX PER BOX

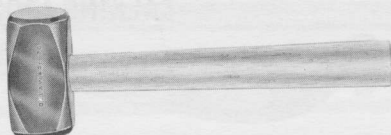


PACKING IRON—HEAVY CURVED



Tool	Stock	Blade	Length	Wt. per Doz.
No. 28	$\frac{5}{8}$ "	$\frac{1}{8}$ " x $1\frac{1}{2}$ " $1\frac{3}{4}$ " long	$7\frac{1}{2}$ "	8 lbs.
28A	$1\frac{1}{16}$ "	$\frac{1}{8}$ " x $1\frac{1}{2}$ " $2\frac{1}{4}$ " long	$8\frac{1}{2}$ "	$8\frac{1}{2}$ lbs.

CALKING HAMMER



Tool	Size	Wt. per Doz.
No. 70	$2\frac{1}{2}$ lbs.	32 lbs.
70A	3 lbs.	39 lbs.

NOTE: Furnished complete with 11 inch handles.

STAR DRILL



Tool	Size	Length	Wt. per Doz.
No. 30	1"	12"	$15\frac{1}{2}$ lbs.
30½	1"	24"	31 lbs.
31	$\frac{3}{4}$ "	12"	$10\frac{1}{2}$ lbs.
31A	$\frac{3}{8}$ "	12"	$3\frac{1}{4}$ lbs.
31B	$\frac{1}{2}$ "	12"	5 lbs.
31C	$\frac{5}{8}$ "	12"	8 lbs.
31D	$\frac{7}{8}$ "	12"	$12\frac{1}{2}$ lbs.

NOTE: See Cat. No. 249—Page 18 for other sizes.

STRAIGHT JOINT CHISEL



Tool	Stock	Cut	Length	Wt. per Doz.
No. 32	$\frac{1}{2}$ "	$\frac{1}{4}$ "	10"	$5\frac{1}{2}$ lbs.

WOOD CHISEL



Tool	Blade	Stock	Length	Wt. per Doz.
No. 33	$\frac{3}{4}$ "	$\frac{1}{2}$ "	10"	6 lbs.
33½	$\frac{1}{2}$ "	$\frac{3}{8}$ "	10"	$3\frac{1}{2}$ lbs.
34	1"	$\frac{5}{8}$ "	$10\frac{1}{2}$ "	10 lbs.
34½	$1\frac{1}{4}$ "	$\frac{5}{8}$ "	$10\frac{1}{2}$ "	10 lbs.

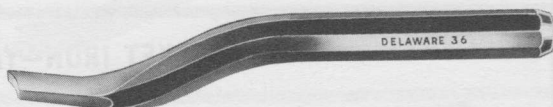
HAND BULL POINT



Tool	Size	Length	Wt. per Doz.
No. 50	$\frac{5}{8}$ "	12"	12 lbs.
50A	$\frac{3}{4}$ "	12"	18 lbs.
50B	$\frac{7}{8}$ "	12"	24 lbs.
50C	1"	12"	31 lbs.

NOTE: See Cat. No. 252—Page 15 for other sizes.

CALKING IRON—CURVED



Tool	Style	Stock	Blade	Length	Wt. per Doz.
No. 36	Outside	$\frac{1}{2}$ "	$\frac{1}{8}$ " x $\frac{3}{4}$ "	$6\frac{1}{2}$ "	4 lbs.
36A	Outside	$\frac{5}{8}$ "	$\frac{5}{32}$ " x $\frac{7}{8}$ "	7"	$6\frac{1}{2}$ lbs.
37	Inside	$\frac{1}{2}$ "	$\frac{1}{8}$ " x $\frac{3}{4}$ "	$6\frac{1}{2}$ "	4 lbs.
37A	Inside	$\frac{5}{8}$ "	$\frac{5}{32}$ " x $\frac{7}{8}$ "	7"	$6\frac{1}{2}$ lbs.

LEAD TRIMMING IRON

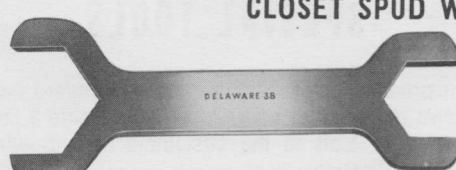


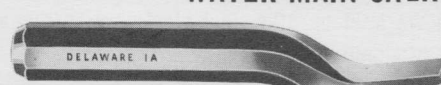

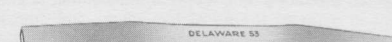



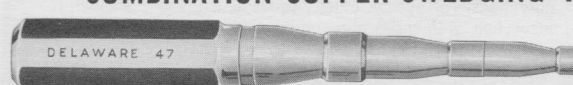


Tool	Blade	Stock	Length	Wt. per Doz.
No. 59	1"	$\frac{5}{8}$ "	$8\frac{1}{4}$ "	$8\frac{1}{2}$ lbs.

MIDGET CALKER



Tool	Style	Stock	Blade	Length	Wt. per Doz.
No. 54	Outside	$\frac{1}{2}$ "	$\frac{1}{8}$ " x $\frac{3}{4}$ "	3"	$1\frac{1}{2}$ lbs.
55	Inside	$\frac{1}{2}$ "	$\frac{1}{8}$ " x $\frac{3}{4}$ "	3"	$1\frac{1}{2}$ lbs.

					CLOSET SPUD WRENCH	
Tool No. 38 38A	Spud Sizes 1¼" and 2" 1½" and 2"		Wt. per Doz. 15 lbs. 15 lbs.			
					BENDING PIN	
Tool No. 39	Stock ½"	Length 12"	Wt. per Doz. 8 lbs.			
					WRECKING BAR	
Tool No. 40 40A	Stock ¾" ⅝"	Length 24" 18"	Wt. per Doz. 41 lbs. 21½ lbs.			
Number Blade Thickness Blade Width Stock Length Weight per Doz.	1A ⅜" 1" ⅞" 6¾" 13 lbs.	3A ¼" 1" ⅞" 6¾" 13¼ lbs.	5A ⅜" 1" ⅞" 6¾" 14 lbs.	7A ½" 1" ⅞" 6¾" 15¼ lbs.	9A ⅝" 1" ⅞" 6¾" 16 lbs.	WATER MAIN CALKING TOOL 
Number Blade Thickness Blade Width Stock Length Weight per Doz.	1E ⅛" 1" ⅞" 10¾" 16½ lbs.	2E ⅛" 1" ⅞" 10¾" 18 lbs.	3E ¼" 1" ⅞" 10¾" 19½ lbs.			WATER MAIN YARNING TOOL 
NOTE: Water main calking and yarning tools can be furnished to order with other face sizes, concave, or inside and outside styles.						
					SPUD KEY	
Tool No. 53	Stock ½"	Length 6"	Wt. per Doz. 3½ lbs.			
					PIPE SWEDGING TOOL	
Tool No. 41 42	Size 1¼" 1½" 1½" 2" only		Wt. per Doz. 14½ lbs. 9 lbs.			
					COPPER SWEDGING TOOL	
Tool No. 45 45A 45B	Size ⅜" ½" ¾"	Stock ⅝" ¾" 1"	Length 4" 4¼" 4⅝"	Wt. per Doz. 3½ lbs. 5½ lbs. 11½ lbs.		
					COPPER FLARING TOOL	
Tool No. 46 46A 46B	Size ⅜" ½" ¾"	Stock ¾" 1" 1¼"	Length 2¾" 3¼" 3¾"	Wt. per Doz. 2½ lbs. 3½ lbs. 7 lbs.		
					COMBINATION COPPER SWEDGING TOOL	
Tool No. 47	Size ⅜"-½"-¾"	Stock 1"	Length 8"	Wt. per Doz. 12 lbs.		

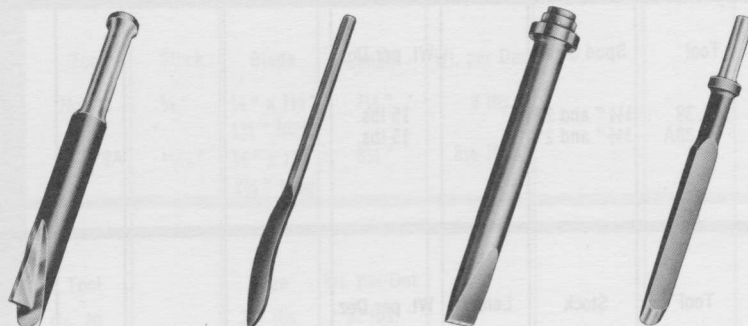


SPECIAL TOOLS

Our products are not limited to the standard items shown in this catalog. We also manufacture a large number of tools to the customers own drawings and specifications.

If you have a tool requirement in our general line, not illustrated in our catalog, please be sure to ask us about it. Chances are that we could offer a quotation.

Please consider our unique facilities for forging, machining, grinding and engineering to be at your service.



The special tools shown above are typical of the many designs we regularly manufacture for a variety of difficult applications.

TOOL STEELS

Continuous research work on shock resisting tool steel plays a basic part in our growth. Patents which we hold on alloy tool steels are testimony to the originality of our efforts.

Customer requirements for bar stock are carefully anticipated.

Send for our Tool Steel catalog. It contains full information on type, analysis, heat treatment, etc.



DELSTEEL ALLOY

DELAWARE ST

DELAWARE EXTRA

DELAWARE STANDARD

DELAWARE HS

DELAWARE SUPERIOR

DELAIR

FURNACES

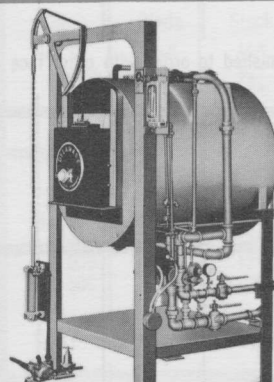
HEAT TREATING AND
FORGING

DELAWARE CONTROLLED ATMOSPHERE FURNACE

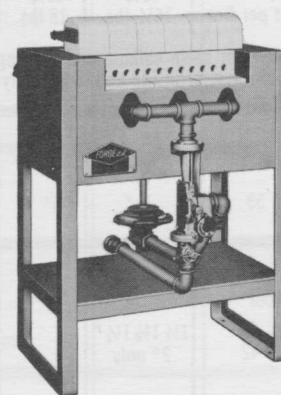
This patented product of our research department is standard equipment in many of the finest tool rooms and laboratories in the country. Designed to operate at temperatures between 1200° and 2800° F., it produces scale free and decarb free surfaces on the full range of tool steels. Send for complete brochure.

DELAWARE FORGEatrol FURNACE

The result of over forty years study of small forge furnace problems. For fast localized heating of small tools and parts, it features precision temperature control for both forging and hardening. Scale is minimized through unique flame control. Send for separate bulletin.



**DELAWARE CONTROLLED
ATMOSPHERE FURNACE**



DELAWARE FORGEATROL

COMMERCIAL HEAT TREATING

We maintain complete facilities for commercial heat treating of tools, dies and small parts. The daily handling of a wide variety of tool steels constantly adds to the experience of our heat treating department personnel.

MAGNAFLUX INSPECTION

Our excellently equipped Magnaflux inspection department is used steadily in the regular course of our manufacturing operations. For our customer's convenience, 100% Magnaflux inspection, with certification on invoice, is available at modest extra cost.



COMMERCIAL HEAT TREATING



MAGNAFLUX INSPECTION

**CREATORS OF SHOCK TOOL STEELS
AND PRODUCERS OF FINE TOOLS SINCE 1918**



DELAWARE TOOL STEEL

Corporation

WILMINGTON 99, DELAWARE